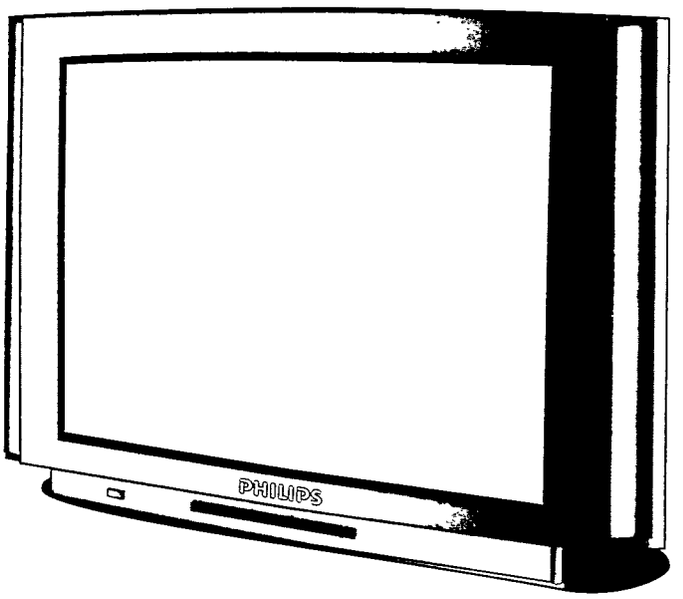


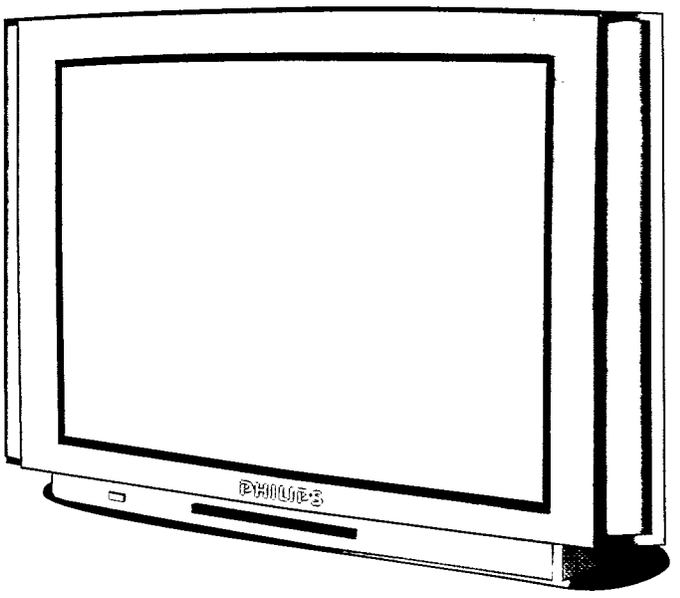
29PT785A

사용설명서

PHILIPS

3139 125 24481

OPERATING INSTRUCTIONS



29PT785A

PHILIPS

PHILIPS

Contents

General Information
- Remote Control 3
- Getting to know your television 4
- Before Calling For Service 7
- What you should know 8

Preparation
- Connect your antenna 9
- Connect to power 10
- Preparing your remote control 10
- Switch on your television 11

Language selection 12

Store channels automatically 13

Favourite Channel 15

Fine Tuning 17

Operating your television 19

Picture menu 20

Sound menu 23

Features menu
- NR (Noise Reduction) 25
- CTI (Colour Transient Improvement) 25
- Blue Mute 26
- Lock Mode 26
- Demonstration 27
- CATV 28

SMART Controls
- Picture selection 30
- Sound selection 30

Incredible Picture 31

Incredible Sound/Spatial Sound 32

2CS Stereo 33

Personal Preference 34

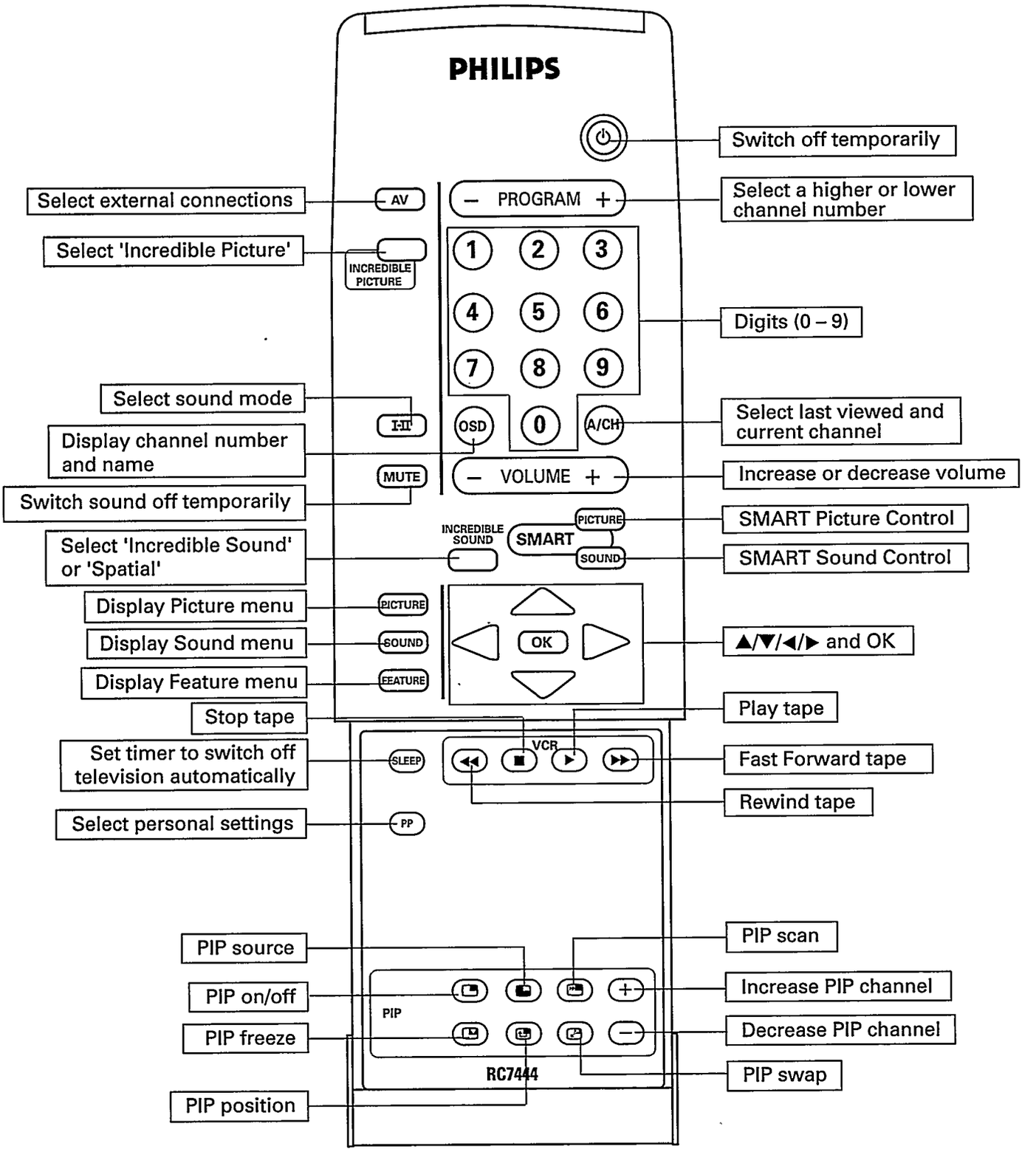
Picture In Picture (PIP) 35

External connections
- Playing back programmes 38
- Record programmes onto a video cassette recorder (VCR) 40
- View the external connections on screen 41

Frequency Tables 42
Specifications 43

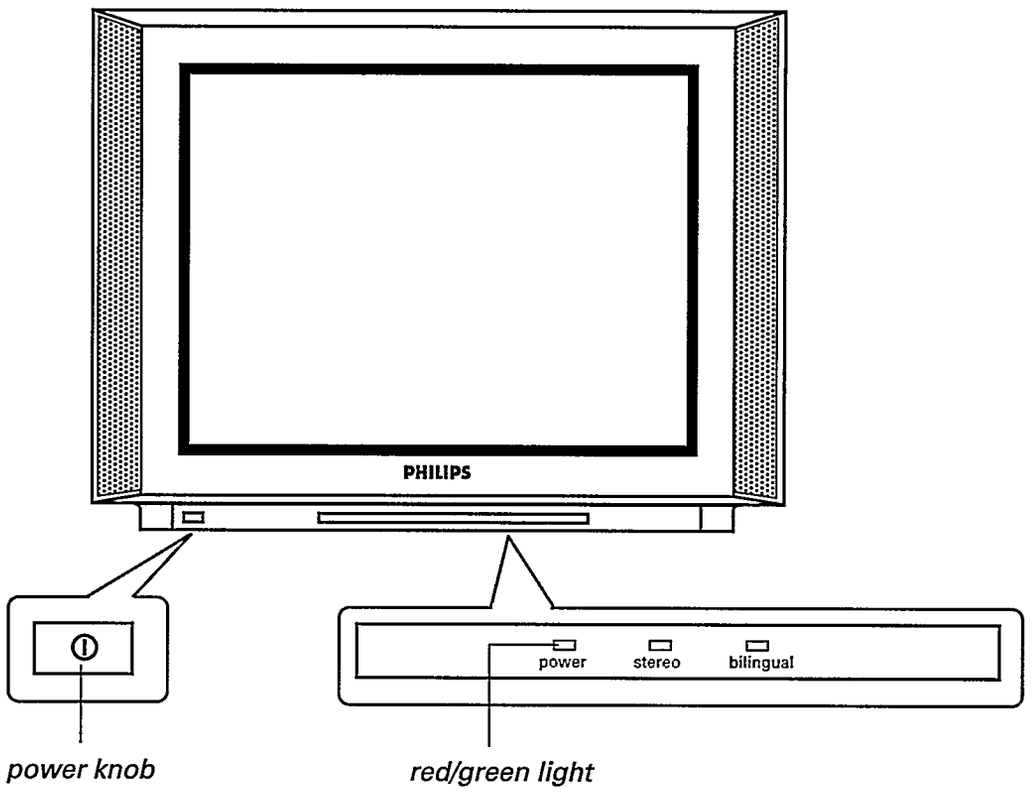
General Information

Remote control

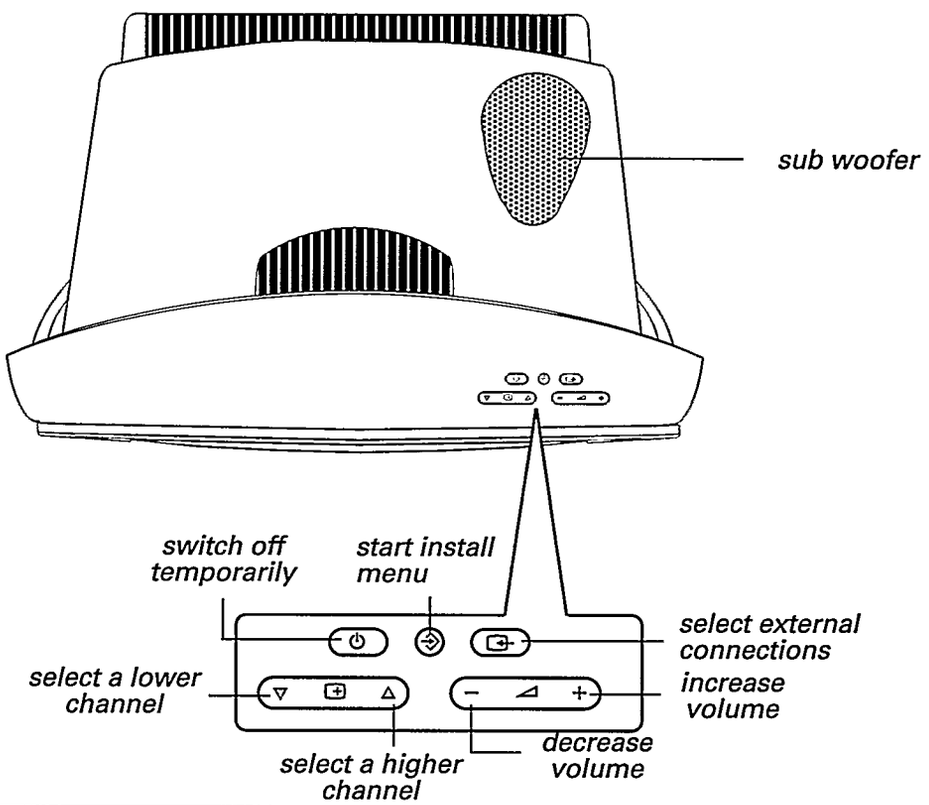


Getting to know your television

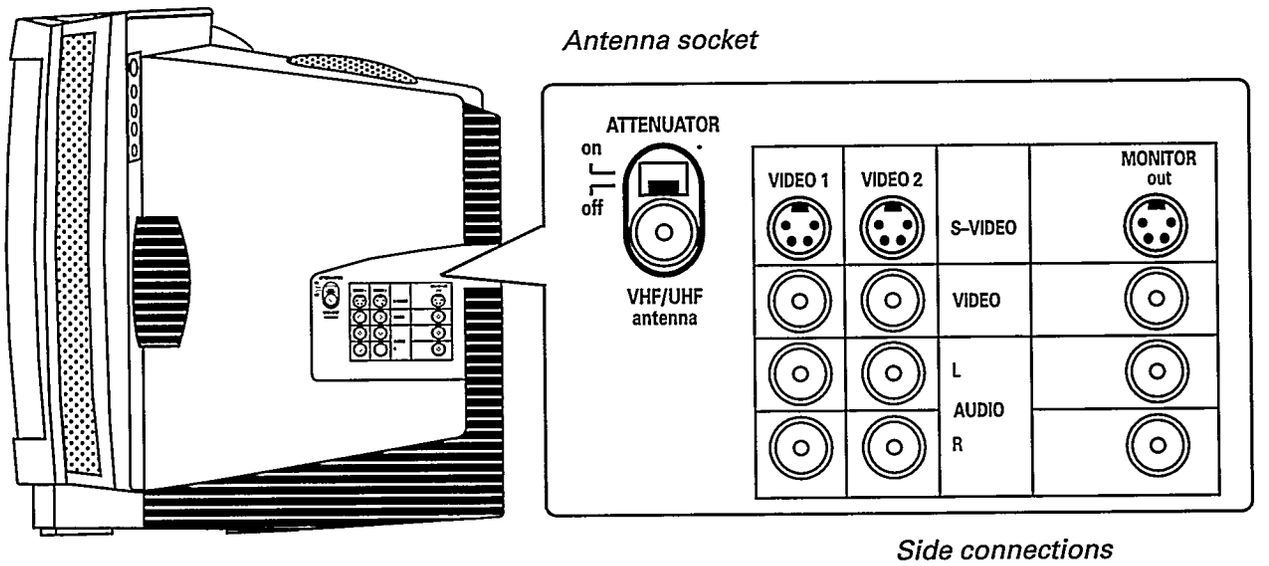
Front View



Top View

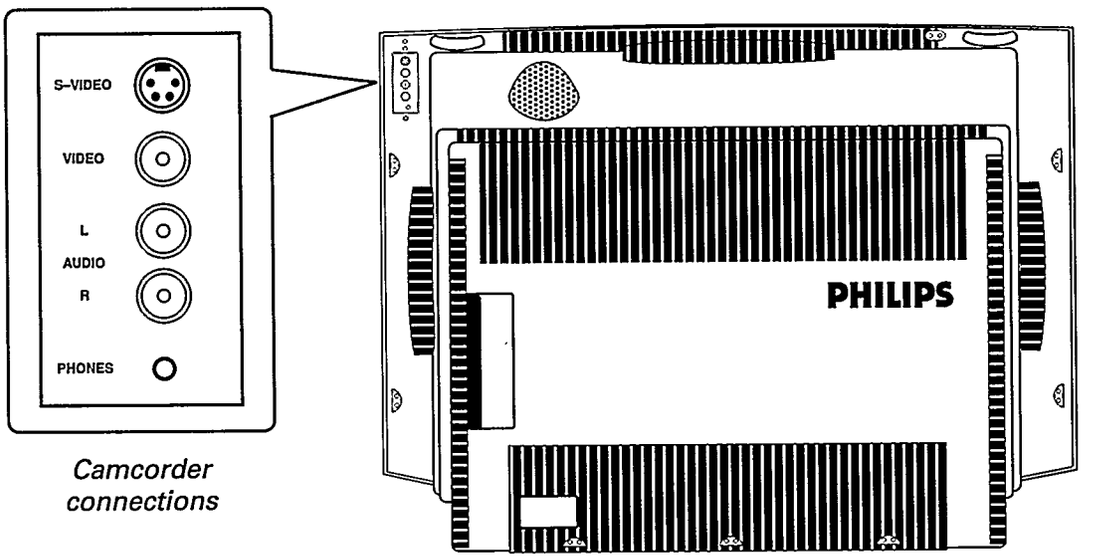


Side View



Side connections

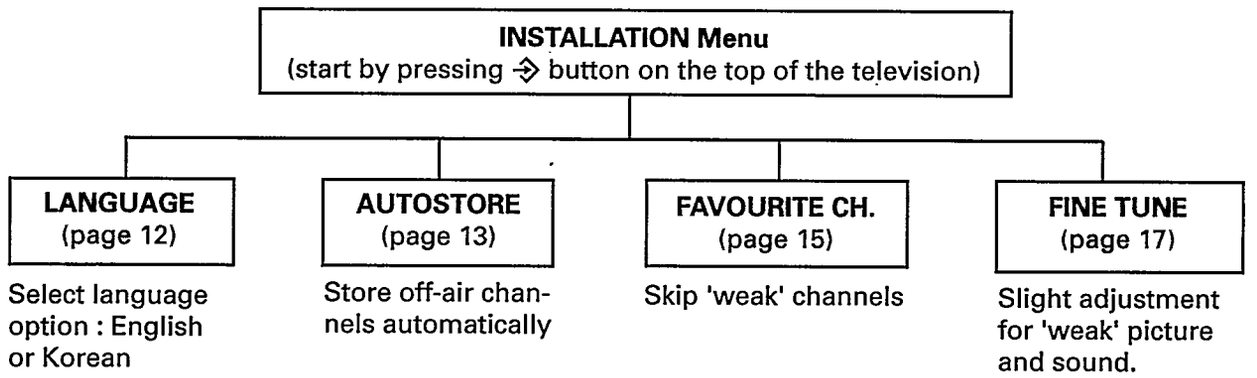
Back View

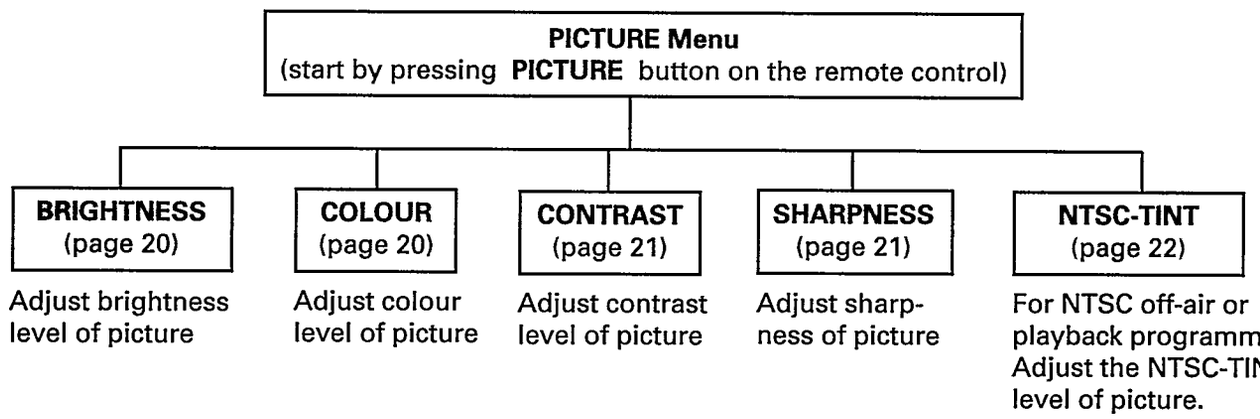


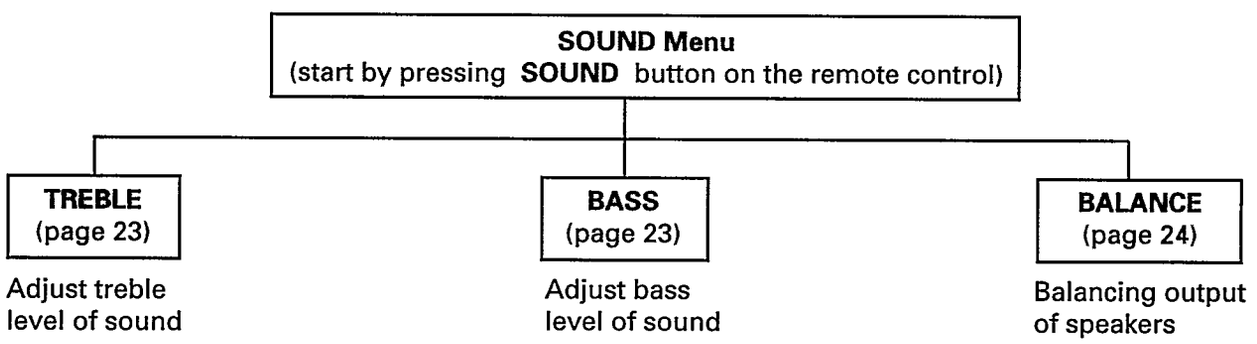
Camcorder connections

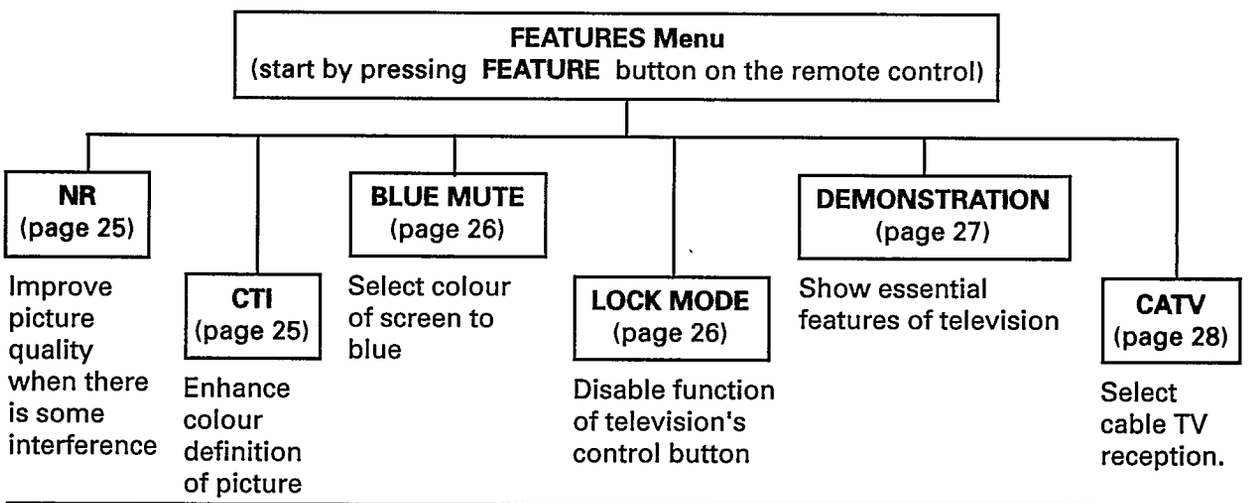
Menus

The following shows the various menus that you could use for your viewing pleasure.


INSTALLATION Menu
(start by pressing ⇨ button on the top of the television)
LANGUAGE (page 12)
Select language option : English or Korean
AUTOSTORE (page 13)
Store off-air channels automatically
FAVOURITE CH. (page 15)
Skip 'weak' channels
FINE TUNE (page 17)
Slight adjustment for 'weak' picture and sound.


PICTURE Menu
(start by pressing PICTURE button on the remote control)
BRIGHTNESS (page 20)
Adjust brightness level of picture
COLOUR (page 20)
Adjust colour level of picture
CONTRAST (page 21)
Adjust contrast level of picture
SHARPNESS (page 21)
Adjust sharpness of picture
NTSC-TINT (page 22)
For NTSC off-air or playback programmes. Adjust the NTSC-TINT level of picture.


SOUND Menu
(start by pressing SOUND button on the remote control)
TREBLE (page 23)
Adjust treble level of sound
BASS (page 23)
Adjust bass level of sound
BALANCE (page 24)
Balancing output of speakers

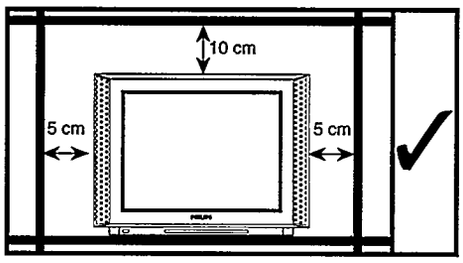

FEATURES Menu
(start by pressing FEATURE button on the remote control)
NR (page 25)
Improve picture quality when there is some interference
CTI (page 25)
Enhance colour definition of picture
BLUE MUTE (page 26)
Select colour of screen to blue
LOCK MODE (page 26)
Disable function of television's control button
DEMONSTRATION (page 27)
Show essential features of television
CATV (page 28)
Select cable TV reception.

Before Calling For Service

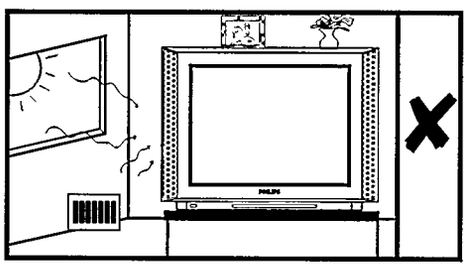
Please make these simple checks before calling for service. These tips can save you time and money since charges for TV installation and adjustments of customer controls are not covered under your warranty.

Symptoms	Items to Check and Actions to follow
Colour patch (unevenness)	• Switch off the TV with the mains power button and wait for 20 minutes before switching on again.
'Ghosts' or double images or Teletext garbled	• This may be caused by obstruction to the antenna due to high rise buildings or hills. Using a highly directional antenna may improve the picture.
No Power	• Check that the TV set's AC power cord is plugged into mains socket. • Unplug the TV, wait for 60 seconds. Then re-insert plug into the mains socket and switch on the TV again.
No picture	• Check antenna connections at the rear of the TV to see if they are properly connected to the TV input terminal. • Possible TV station trouble. Try another channel. • Adjust the contrast and brightness settings
Good picture but no sound	• Increase the VOLUME. • To check that the TV is not muted, press the MUTE button on the remote control. • When no TV signal is detected, the TV automatically mutes the sound. This is a proper set operation and does not indicate a malfunction.
Good sound but poor or abnormal colour or no picture	• Adjust the contrast and brightness setting.
Snowish picture and noise	• Check the antenna connection.
Horizontal dotted lines	• This may be caused by electrical interference (e.g. hairdryer, nearby neon lights, etc.). • Switch off the equipment.
One white line across the screen	• Switch off the TV immediately and consult the service personnel.
TV not responding to remote control	• Check batteries and replace them if necessary. • Clean the remote control sensor lens on the TV. • Operating range between TV and remote control should not be more than 6 metres.

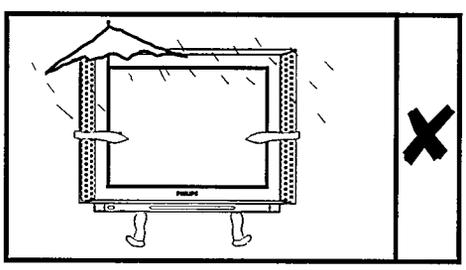
What you should know



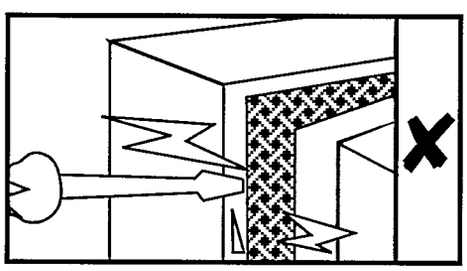
- Place the television on a solid base
- Leave at least 5 cm around the side and 10 cm from the top for good ventilation of your television.



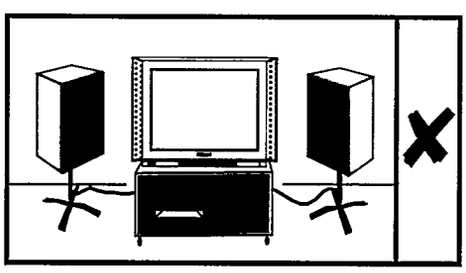
- Do not place the television near a radiator or other sources of heat.
- Choose a position where light does not fall directly onto the screen.
- Do not place anything on the top of the television.



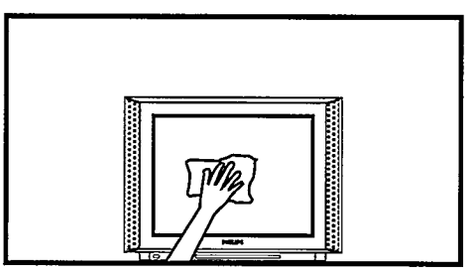
- Do not expose the television to rain or excessive moisture.



- Never attempt to repair a defective television yourself. Always consult skilled television service personnel.



- Do not place speakers or any magnetic objects near the television because the magnetic field may cause 'colour patches' to appear on the screen.



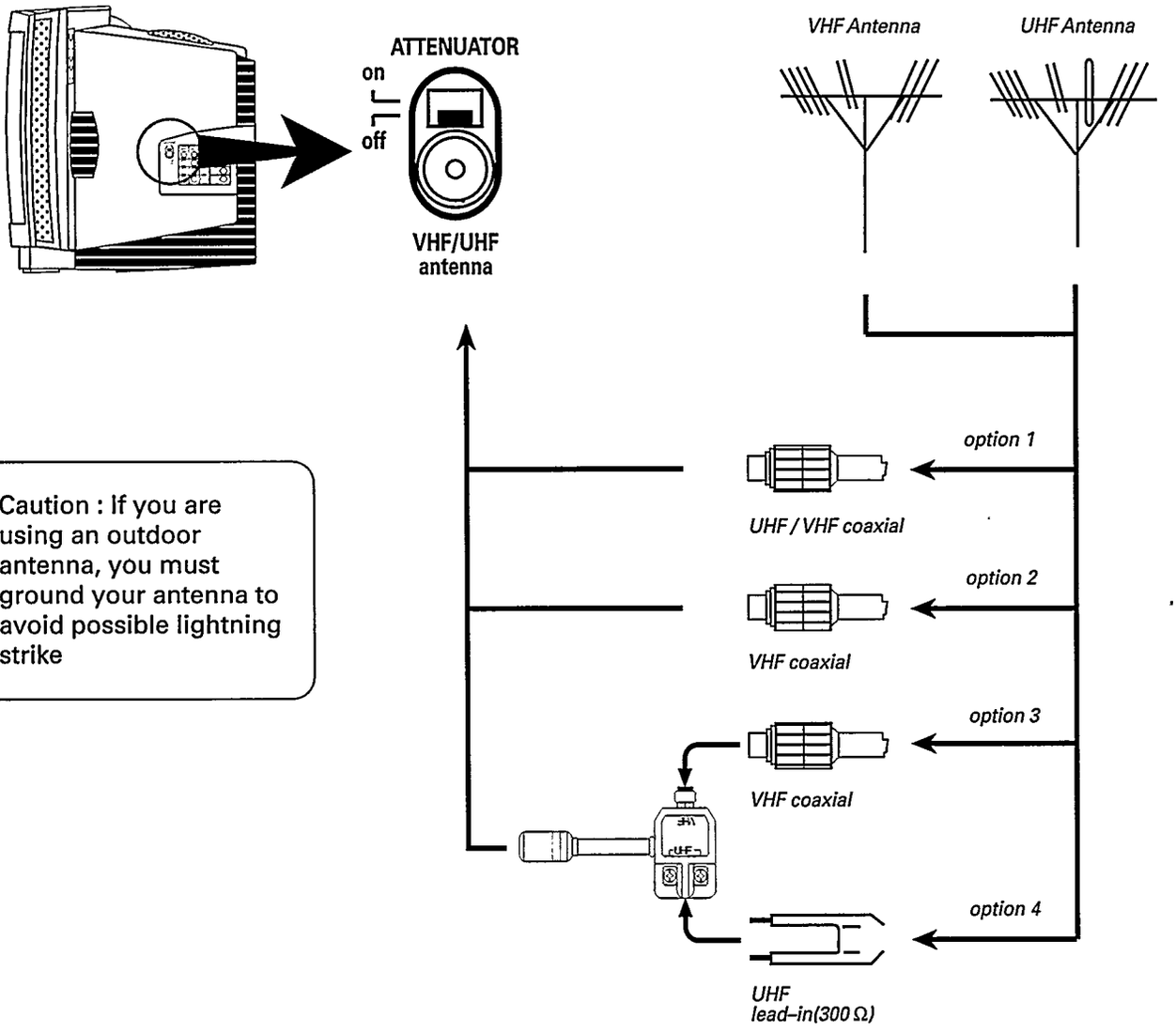
- Before you start cleaning, switch off the television.
- Clean your television screen with a piece of SOFT, DRY cloth only when necessary.

  Note : DO NOT use hard cloth or detergent cleaners as it will damage the screen's coating.

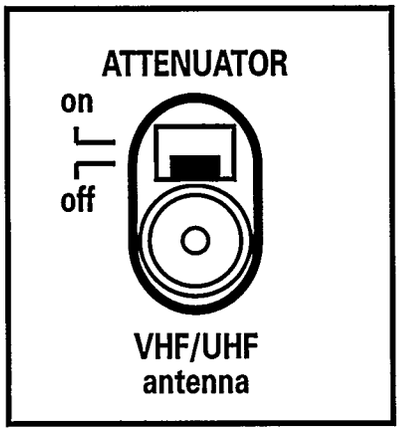
Preparation

Connect your antenna

We recommend that you use a good outdoor antenna for best reception of broadcast VHF/UHF channels. You may need to use one of the adaptors/mixers suggested below. Consult your local dealer if you have any queries or need any assistance on connection.



Caution : If you are using an outdoor antenna, you must ground your antenna to avoid possible lightning strike



Attenuator On/Off

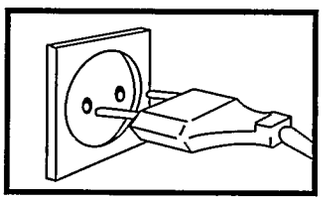
The attenuator switch should always be at the **off** position.

Switch **on** the attenuator only if the television programmes have interference from other channel.

Connect to power

Refer to the Specification page for the correct operating voltage. Consult your local dealer if your mains supply is different.

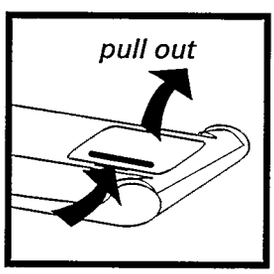
- Connect your television to the mains supply socket and switch on.



(Diagram is only a representation of the actual plug and socket and may be different from the one used in your country)

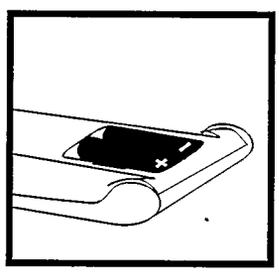
Preparing your remote control

1



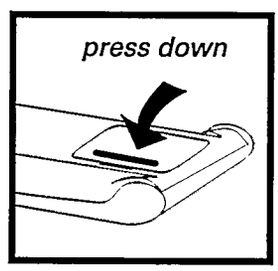
Remove the battery cover at the back of your remote control.

2



Insert two batteries (Type AAA, 1.5 V) into the compartment.

3



Replace the cover.

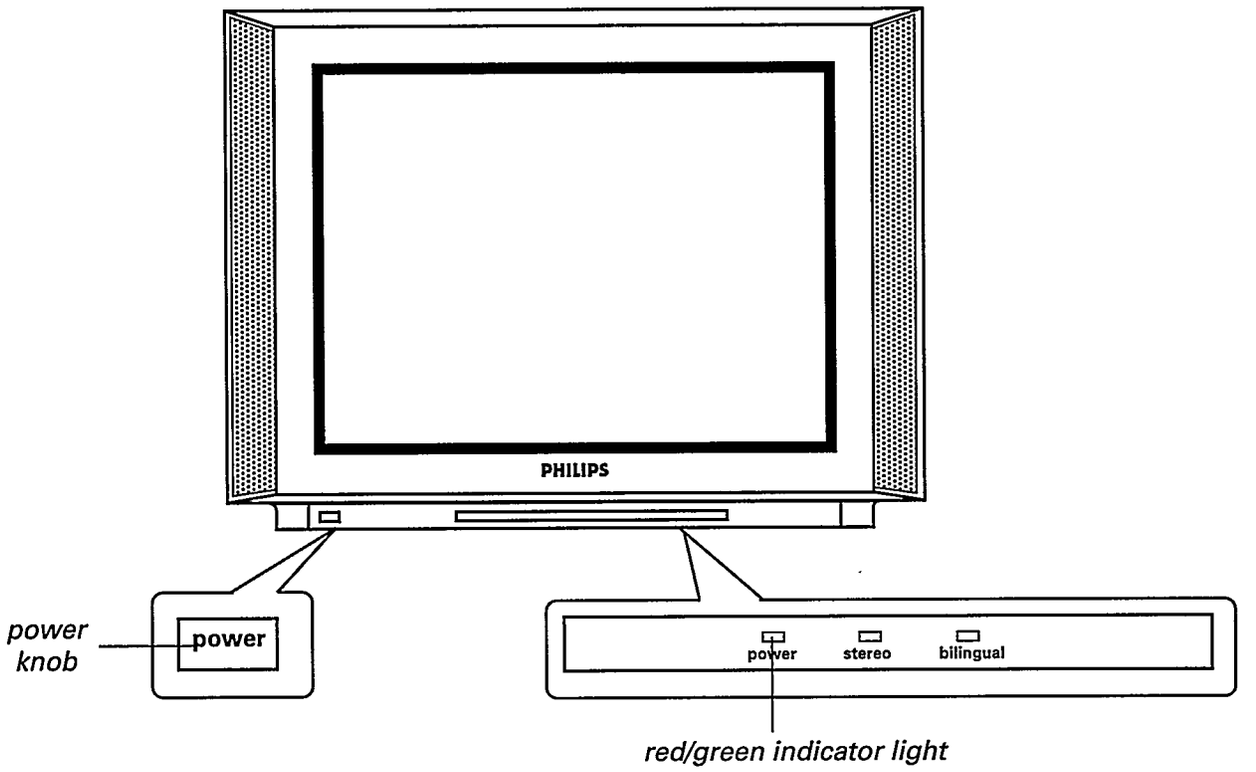
Note :

- Remove the batteries from the remote control if you do not use it for an extended period. This is to prevent possible damage due to battery leakage.
- Make sure that there is no obstruction between the remote control and the television.

Switch on your television

When the set is switched on, do not shift, turn (e.g. on a swivel base) or move it around because an unevenness in colour will develop in some parts of the screen. This can be eliminated by switching off the TV with the power knob and wait for about 20 minutes before switching on again. If symptom persists, call for Service.

- Press the **power** button on the front, bottom left of your television.
  A green or red light appears.



If the light indicator is GREEN, it means:
The television is switched ON. Wait a few seconds for the screen to light up. If there is no signal input detected, you will see a scrolling word "PHILIPS".

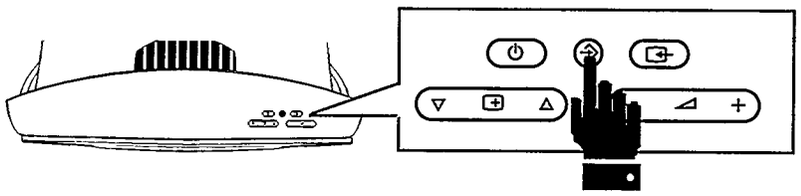
If the light indicator is RED, it means:
The television is switched on but the screen stays dark. Your television is on 'standby'.

- Press any digit (0-9), **PROGRAM** + or —, **A/CH** and **AV** button on your remote control.
  The screen lights up. If there is no signal input detected, you will see the word "PHILIPS".

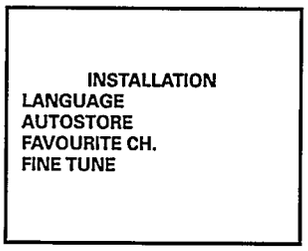
Note : If there is no signal detected after about 15 minutes, your television will switch over to standby.

Language selection

1. Start INSTALLATION menu

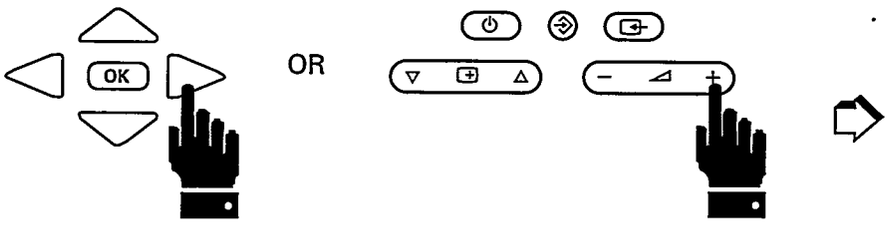


Television top controls

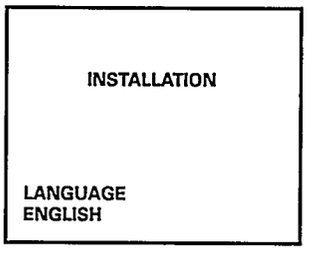


2. Select LANGUAGE option from the menu

Language available are English or Korean.



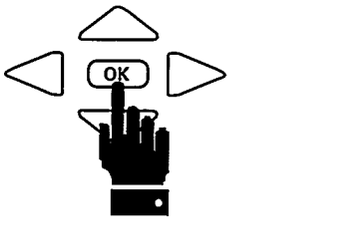
Television top controls



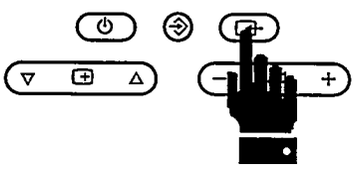
Note : From now on all the menus and on screen display will appear in the language that you have selected.

3. To exit from menu

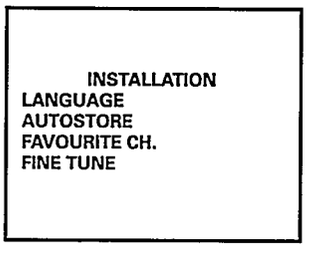
Press twice to exit.

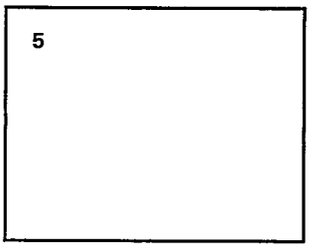


OR



Television top controls

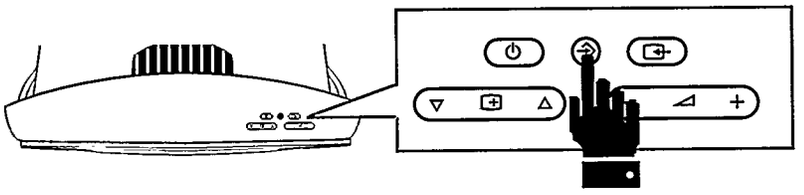




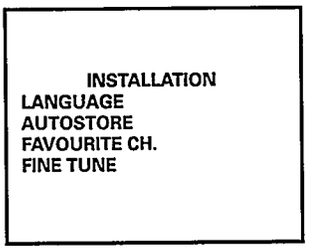
Store channels automatically

To store your channels automatically, follow the steps below in sequence.

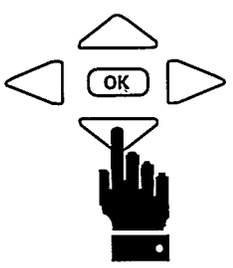
1. Start INSTALLATION menu



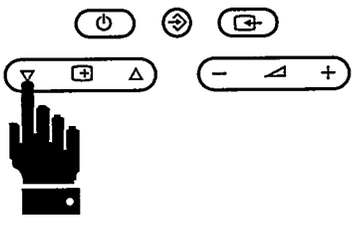
Television top controls



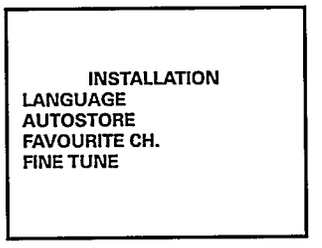
2. Select AUTOSTORE option from the menu



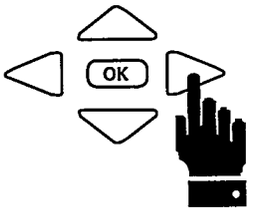
OR



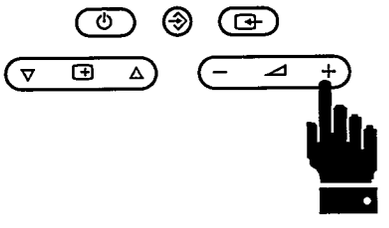
Television top controls



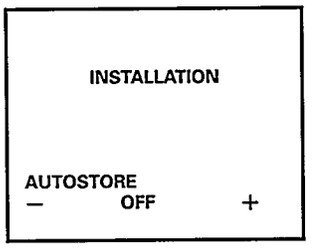
3. Start AUTOSTORE mode



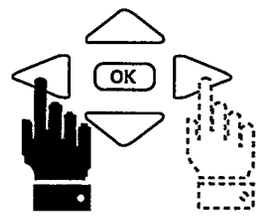
OR



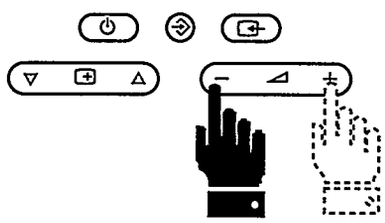
Television top controls

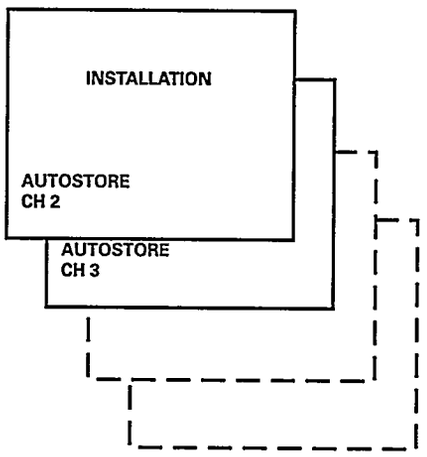


4. Start searching automatically



OR



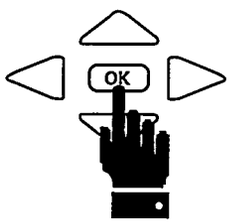


Television top controls

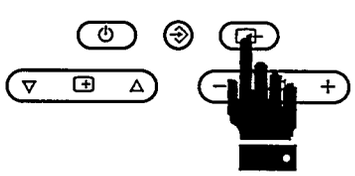
Note : If you need to interrupt, press ◄ or ► again.
Once all available channels are located, your television will stop searching. To exit go to step 5.

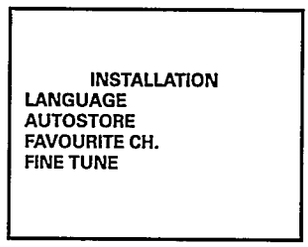
5. To exit from menu

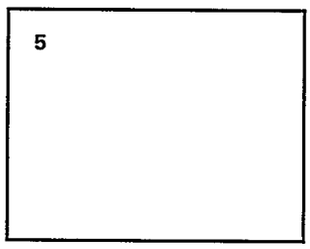
Press twice to exit.



OR





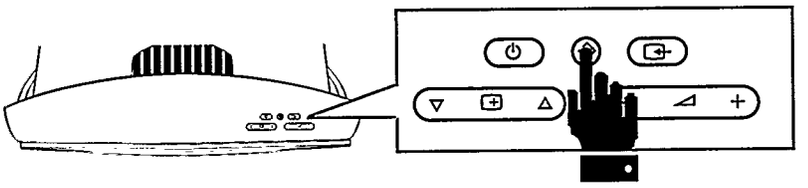


Television top controls

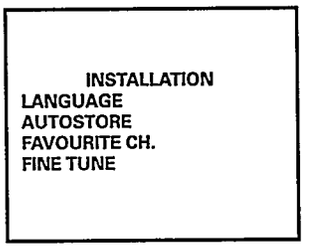
Favourite Channel

Use this feature to skip those channels which have weak or no signal.

1. Start INSTALLATION menu

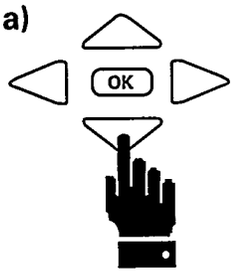


Television top controls

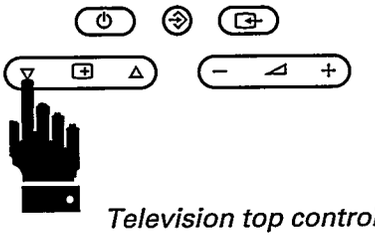


2. Select Favourite Channel option from the menu

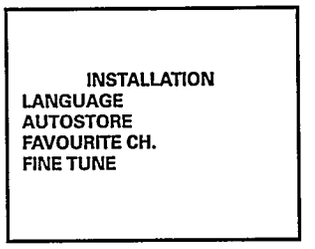
a)



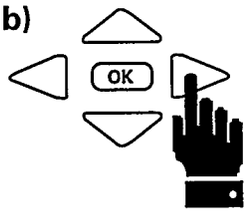
OR



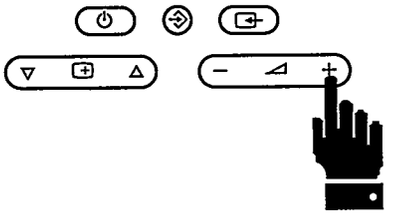
Television top controls



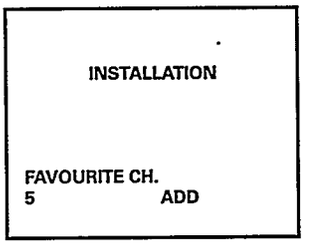
b)



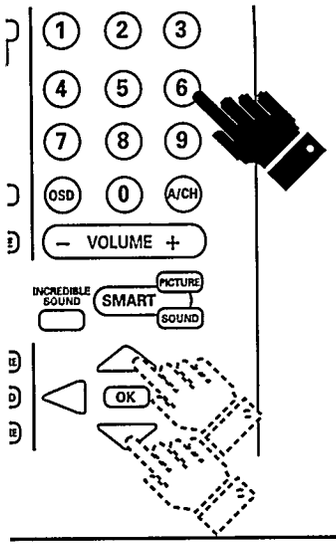
OR



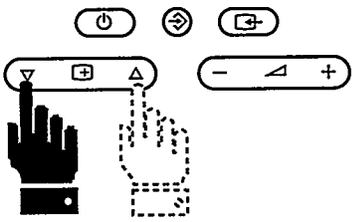
Television top controls



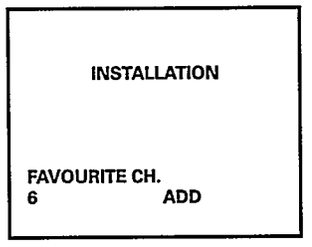
3. Select a channel



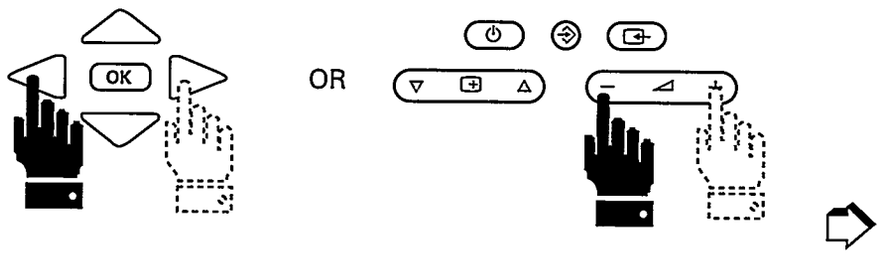
OR



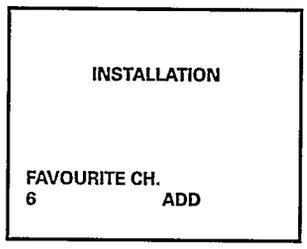
Television top controls

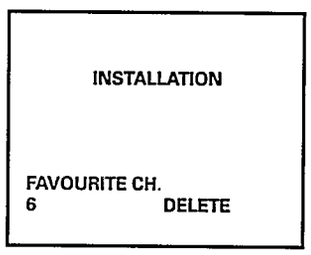


4. To add or delete channels from 'Favourite Channel' list



Television top controls

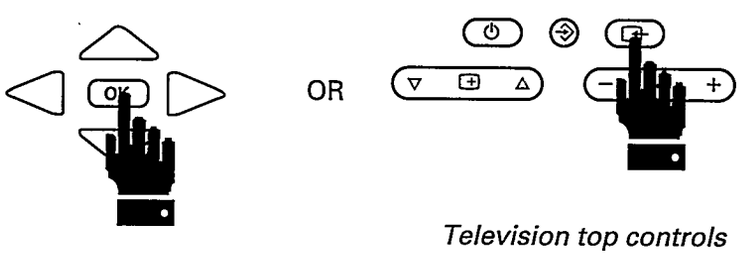




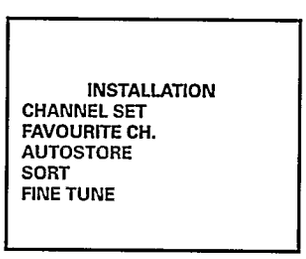
Repeat step 3 to 4 for other channel numbers. If not, go to step 5.

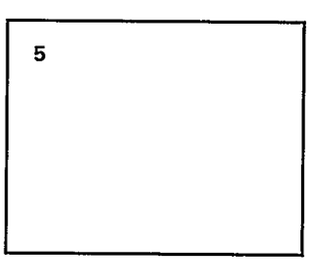
5. To exit from menu

Press twice to exit.



Television top controls



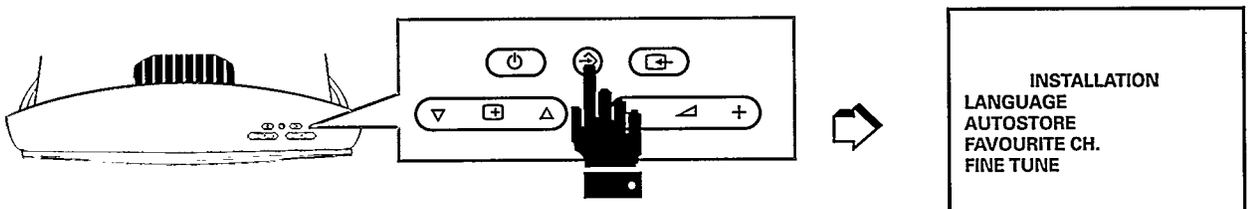


Note : When you call up a channel which has been deleted from the 'Favourite Channel' list, **NOT PROGRAMMED** appears on your screen.

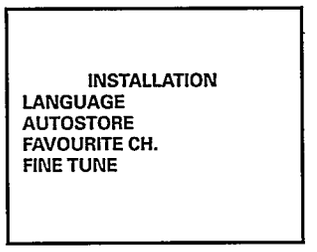
Fine Tuning

In case the picture and sound of channel is weak, a slight adjustment of the frequency may help.

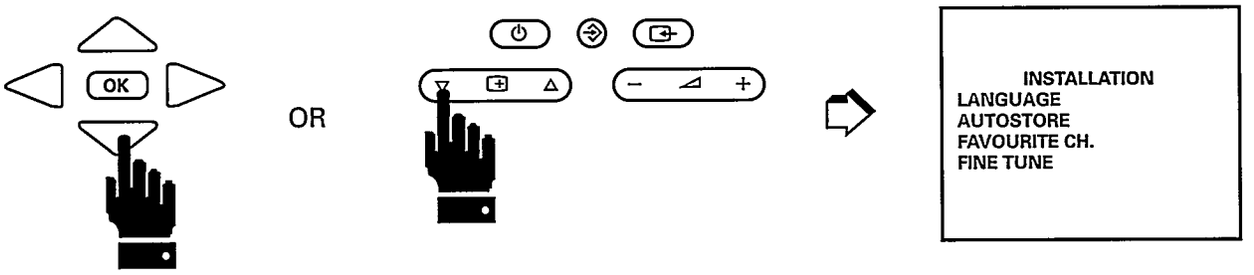
1. Start INSTALLATION menu



Television top controls

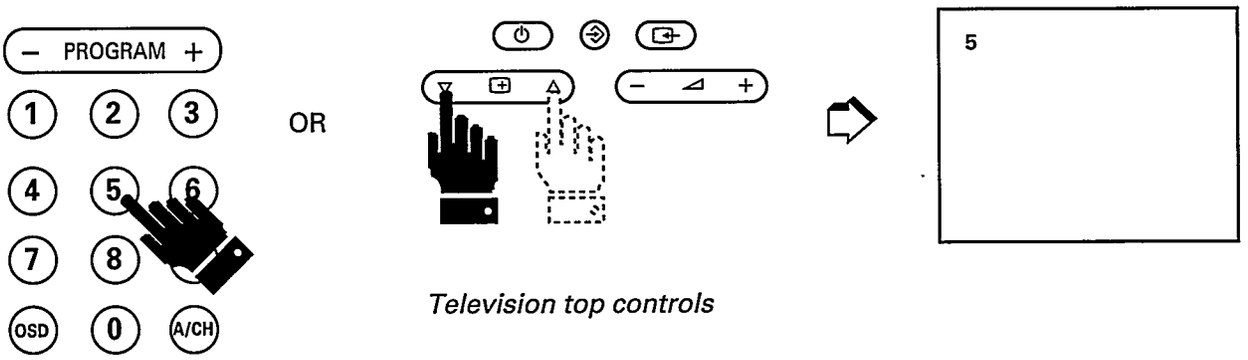


2. Select FINE TUNE option



Television top controls

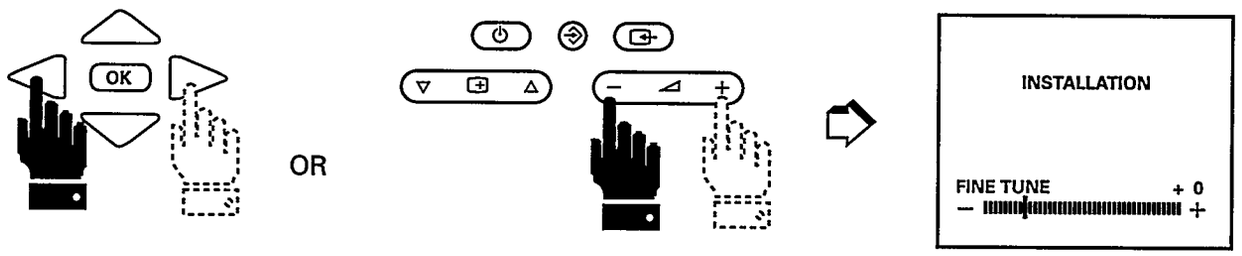
3. Select the channel with weak signal



Television top controls

4. To fine tune frequency of the channel

Press repeatedly until picture and sound improve.

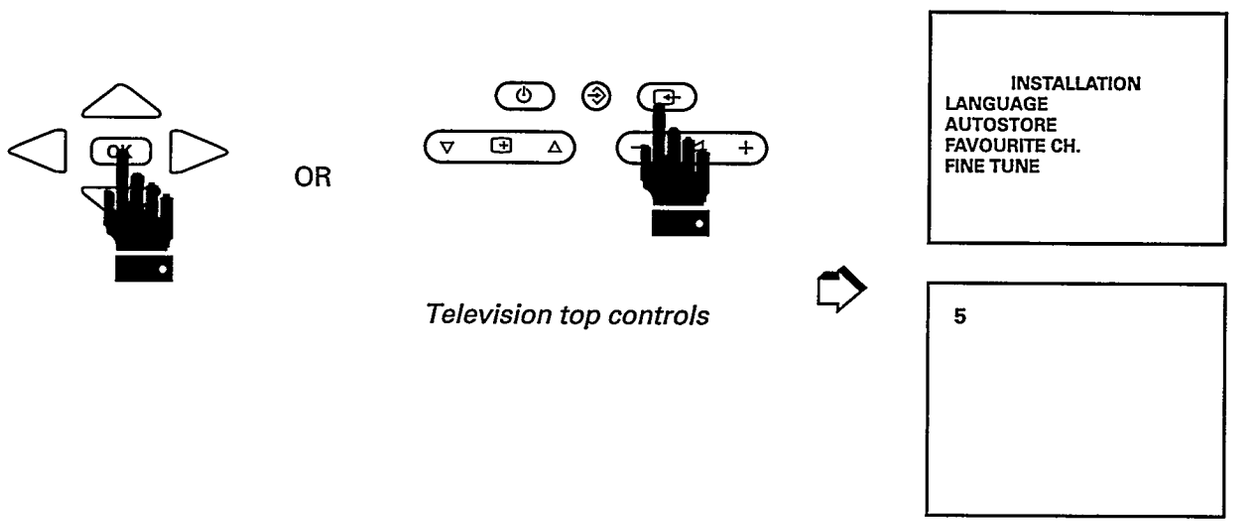


Television top controls

5. Repeat steps 3 to 4 for other channels, otherwise proceed to step 6.

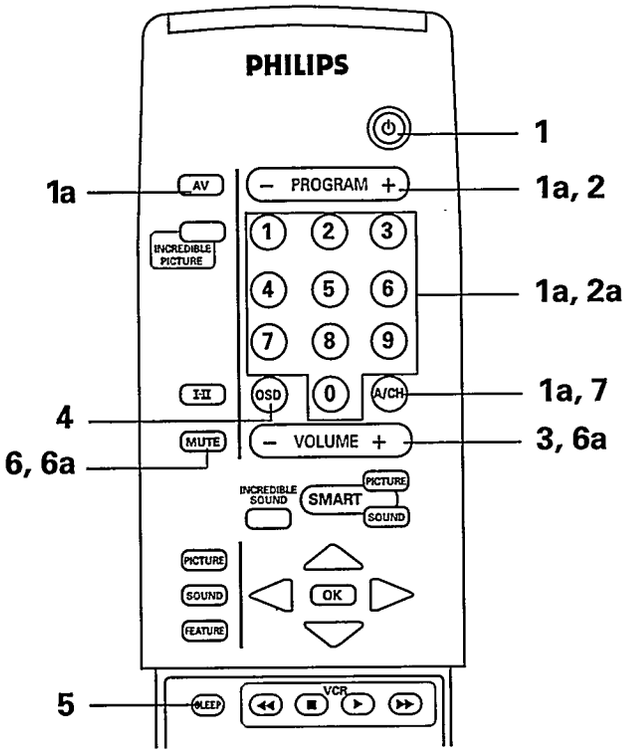
6. To exit from menu

Press twice to exit.

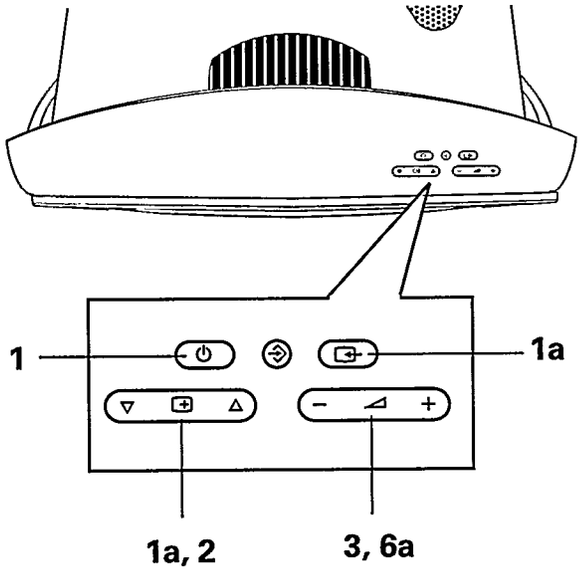


Television top controls

Operating your television



Remote Control



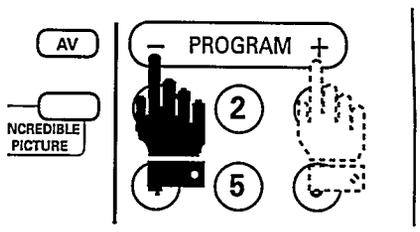
Television top controls

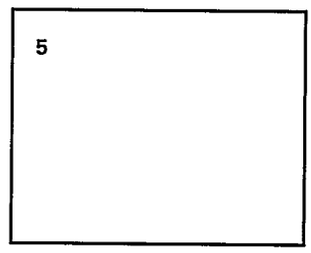
Button no.	Function
1	Switch off your television temporarily (standby). A red light appears on the front of the television.
1a	Switch on again from standby.
2	Select a higher or lower channel number.
2a	Key in channel number directly. For 2-digit channel number, you have to complete keying in within 2 seconds. Note : If you select a channel number and **NOT PROGRAMMED** is displayed on the screen, it means this channel number is deleted from the 'Favourite Channel' list. To add it back into the list, refer to section on 'Favourite Channel'.
3	Adjust volume.
4	Display current viewed channel number on the screen.
5	Set timer to switch off television automatically. Press once to see the status of your timer and again to set the timer in steps of 15 minutes (maximum 120 minutes). To delete timer, press button until '00' is displayed.
6	Switch off the sound temporarily The word 'MUTE' will appear on the screen.
6a	Switch on the sound again.
7	Switch between the current and last viewed channel number.

Picture menu

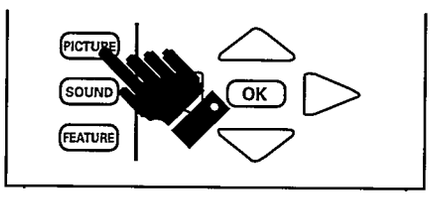
The adjustment in this menu will be stored automatically and you can call it up in the PERSONAL mode of 'SMART CONTROLS picture'.

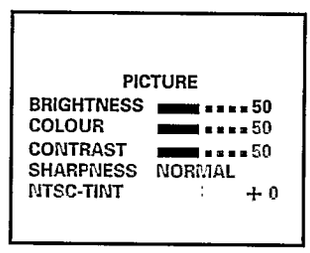
1. Select a channel to adjust the picture





2. Start PICTURE menu

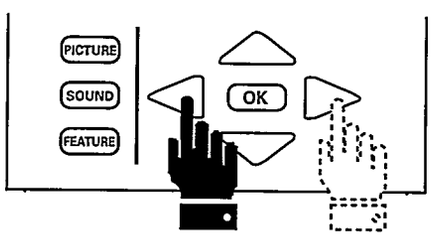


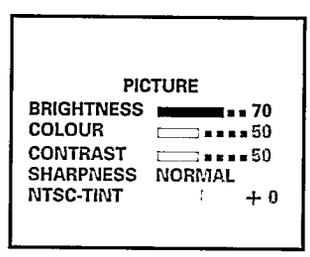


Note : If no adjustment is made after about 20 seconds, the menu will go off automatically.

3. Adjust brightness

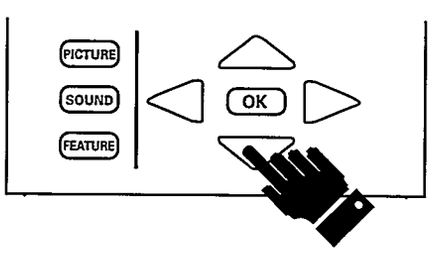
Adjust to your preferred level

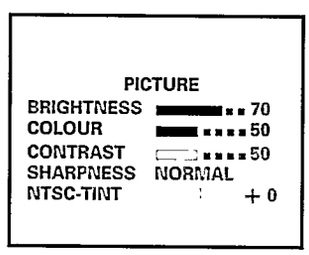




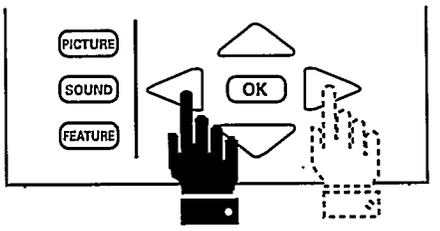
4. Adjust colour

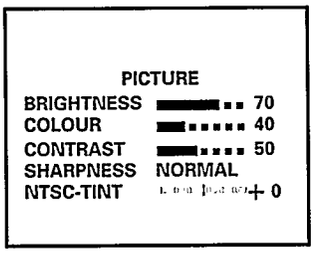
a) Select COLOUR option from the menu





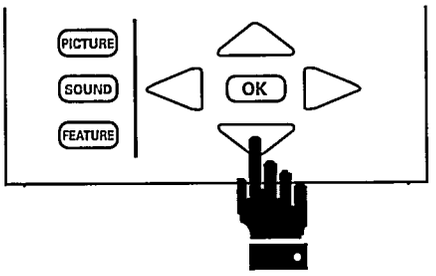
b) Adjust to your preferred level

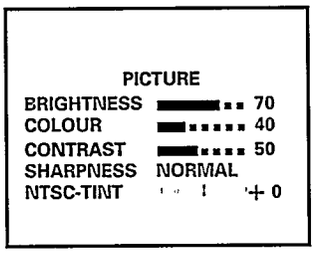




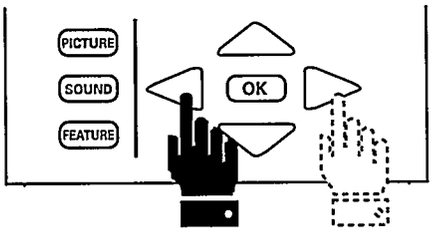
5. Adjust contrast

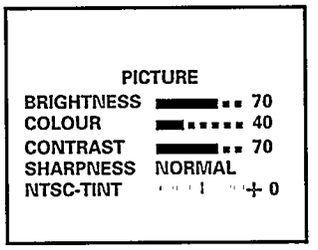
a) Select CONTRAST option from the menu





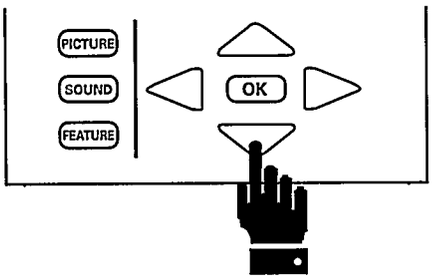
b) Adjust to your preferred level

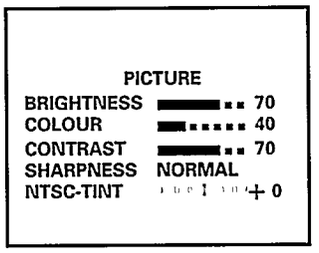




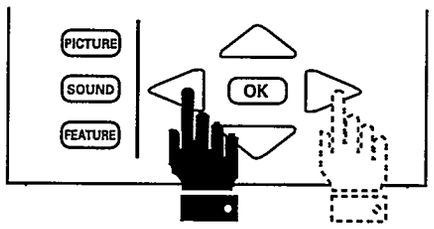
6. Adjust sharpness

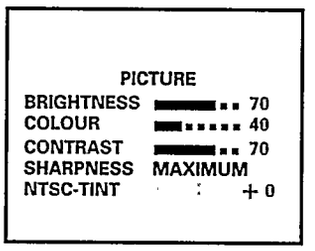
a) Select SHARPNESS option from the menu





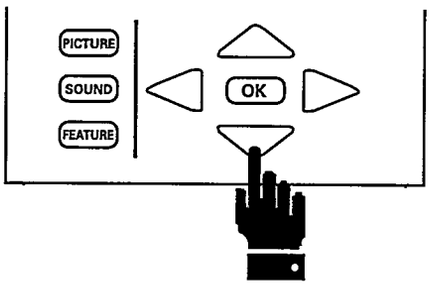
b) Adjust to your preferred level

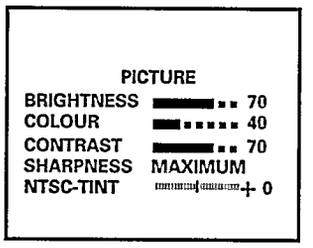




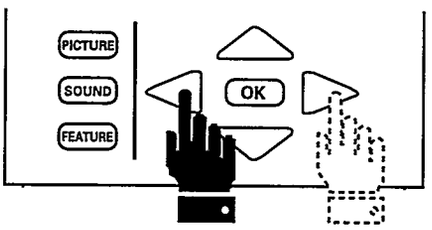
7. Adjust NTSC-TINT (for NTSC programmes only)

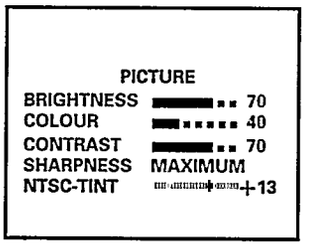
a) Select NTSC-TINT option from the menu



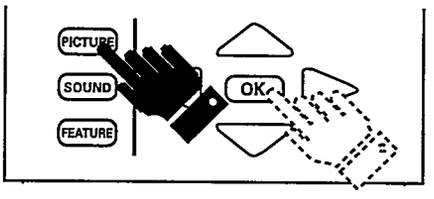


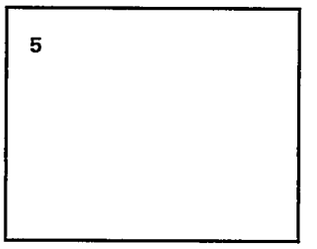
b) Adjust to your preferred level





8. To exit from PICTURE menu

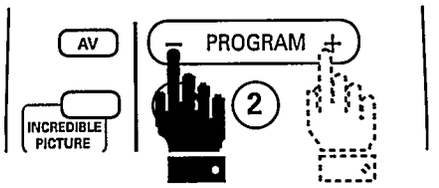


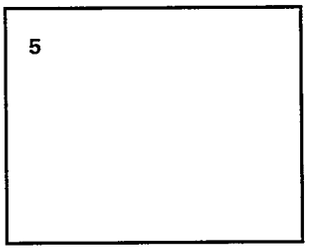


Sound menu

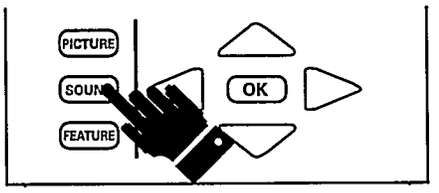
The adjustment will be stored automatically and you can call it up in the PERSONAL mode of 'SMART CONTROLS sound'.

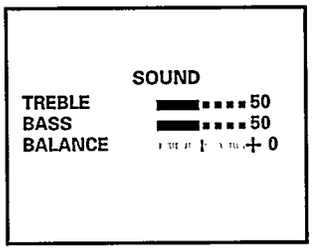
1. Select a channel to adjust the sound





2. Start SOUND menu

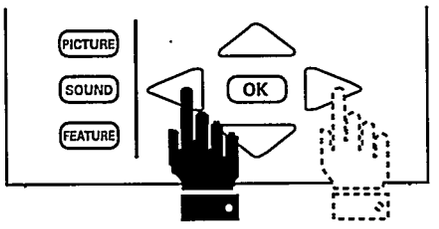


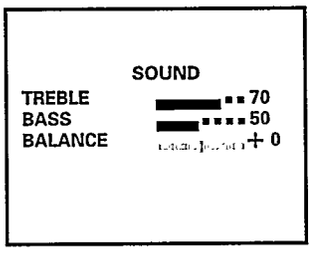


Note : If no adjustment is made after about 20 seconds, the menu will go off automatically.

3. Adjust treble

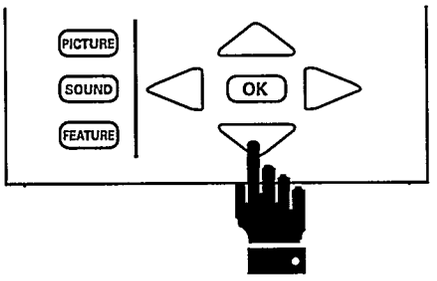
Adjust to your preferred level

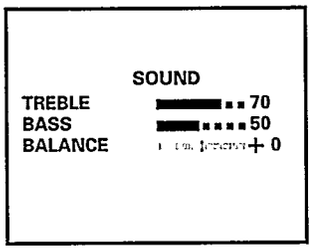




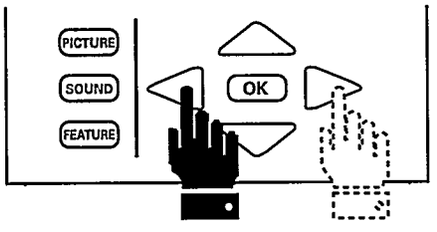
4. Adjust bass

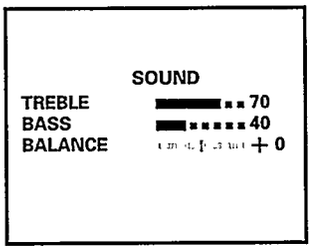
a) Select BASS option of the menu





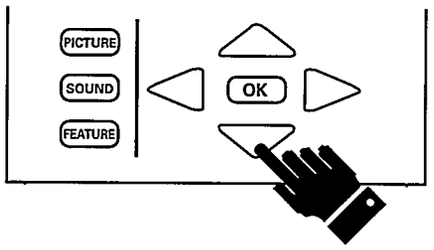
b) Adjust to your preferred level

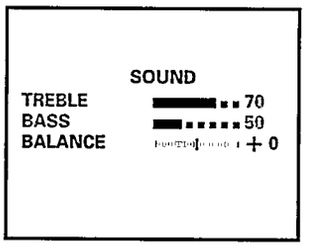




5. Balancing speakers

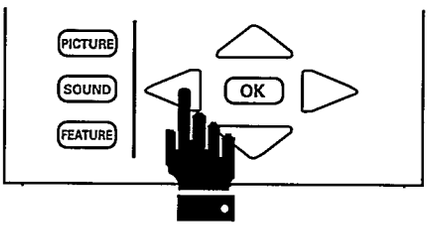
a) Select BALANCE option

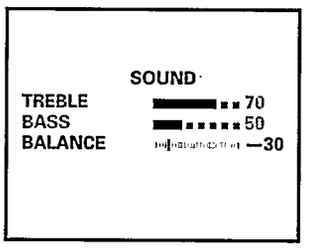




b) sound from left speaker only

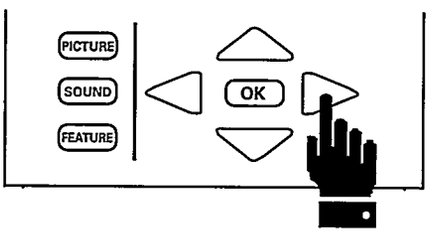
Press and hold until you hear sound coming from left speaker only.

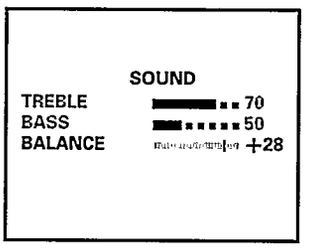




c) sound from right speaker only

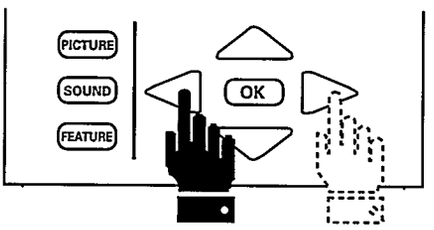
Press and hold until you hear sound coming from right speaker only.

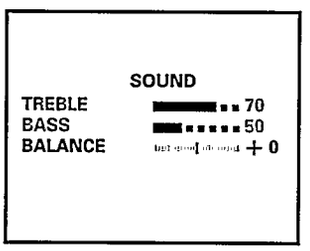




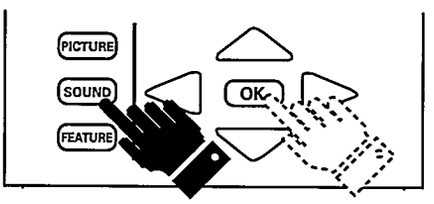
d) sound from both speakers

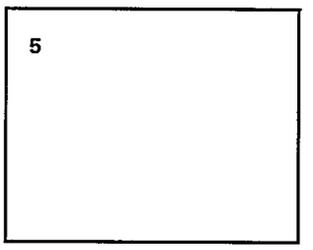
Press until you see the display bar is '0'.





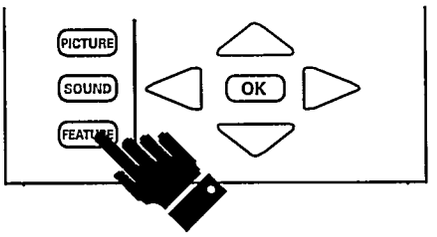
6. To exit from SOUND menu

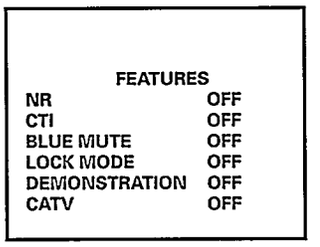




Features menu

Start FEATURES menu

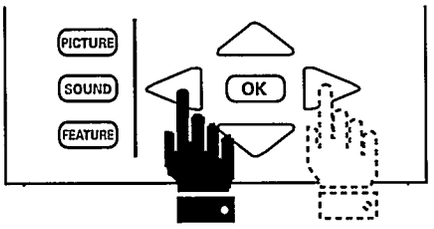


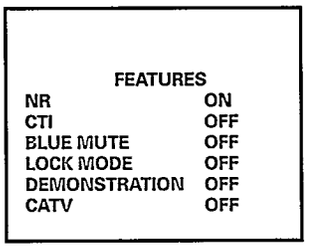


NR (Noise Reduction)

Switch this feature on to improve picture quality when there is some interference.

Switch NR on or off

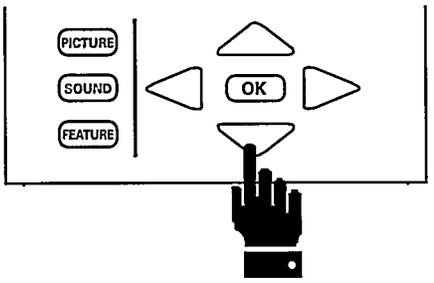


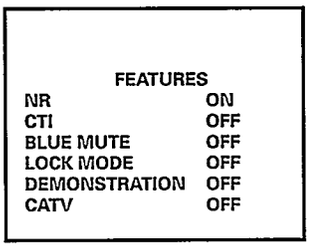


CTI (Colour Transient Improvement)

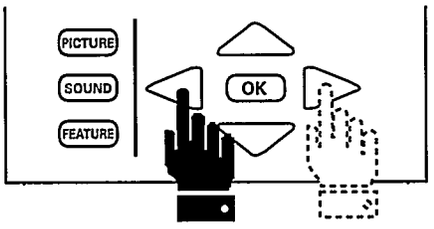
Switch this feature on to enhance colour definition. Switch it off if colour edge is wavy. When switching CTI on or off, the menu on your screen may shift slightly.

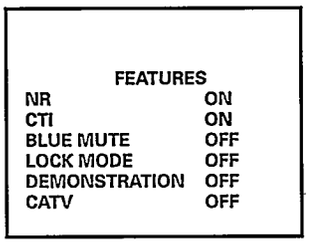
Select CTI





Switch CTI on or off

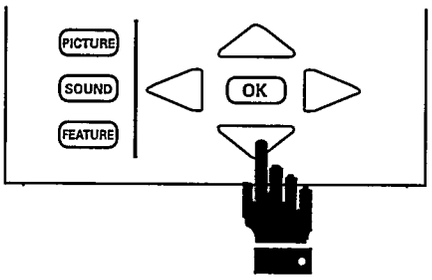




Blue Mute

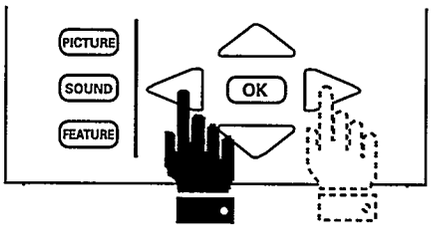
With this feature switched on, the screen will appear blue whenever no signal is detected.

Select BLUE MUTE



FEATURES	
NR	ON
CTI	ON
BLUE MUTE	OFF
LOCK MODE	OFF
DEMONSTRATION	OFF
CATV	OFF

Switch BLUE MUTE on or off

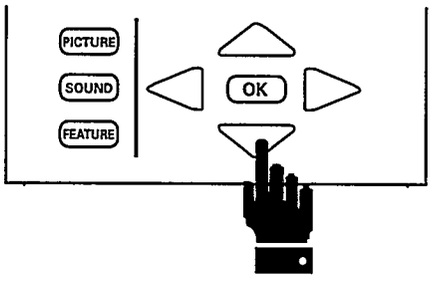


FEATURES	
NR	ON
CTI	ON
BLUE MUTE	ON
LOCK MODE	OFF
DEMONSTRATION	OFF
CATV	OFF

Lock Mode

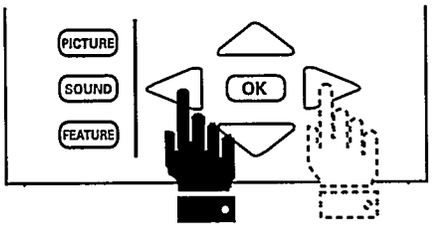
This is a useful feature when you want to prevent someone from watching your television. When this feature is switched 'ON', the buttons on the television's top control are not functional anymore and whenever you try to press any one of them, the word **LOCKED** appears on the screen. **Do not forget where you keep your remote control!**
The next time you switch on the television, it will be on 'standby'.
To switch on, press any one of these buttons on your remote control :
1) PROGRAM + or —
2) 0 to 9
3) A/CH
4) AV

Select Lock Mode



FEATURES	
NR	ON
CTI	ON
BLUE MUTE	ON
LOCK MODE	OFF
DEMONSTRATION	OFF
CATV	OFF

Switch LOCK MODE on or off

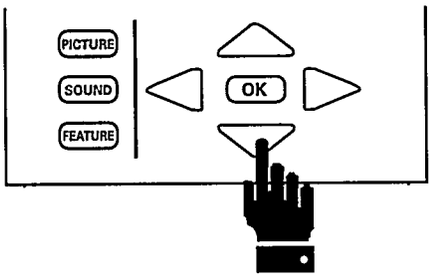


FEATURES	
NR	ON
CTI	ON
BLUE MUTE	ON
LOCK MODE	ON
DEMONSTRATION	OFF
CATV	OFF

Demonstration

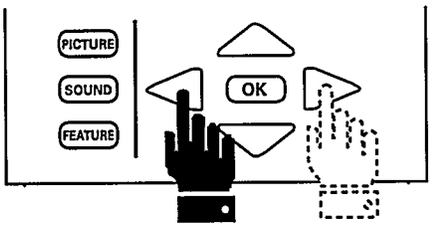
Switch on this feature if you want to see in sequence the essential features of your television. This mode will go in a loop unless you stop it by pressing **OK** button.

Select Demonstration



FEATURES	
NR	ON
CTI	ON
BLUE MUTE	ON
LOCK MODE	ON
DEMONSTRATION	OFF
CATV	OFF

Switch Demonstration on



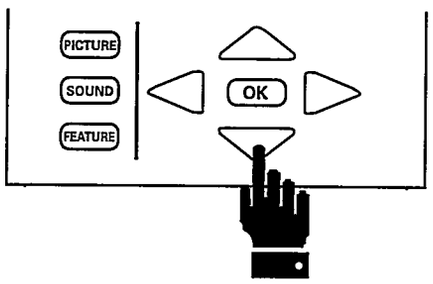
FEATURES	
NR	ON
CTI	ON
BLUE MUTE	ON
LOCK MODE	ON
DEMONSTRATION	ON
CATV	OFF

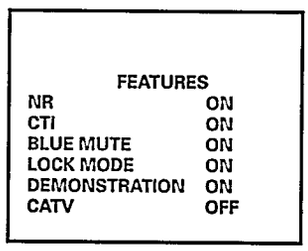
The Demonstration mode will go in a loop until you press **OK** button.

CATV

This option enables you to switch on to cable TV reception and switch off terrestrial TV reception.

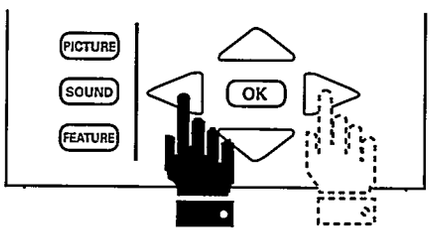
1. Select CATV option

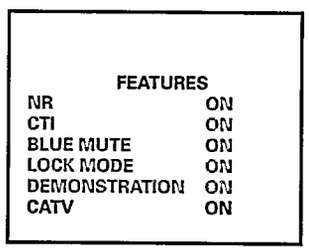




2. Switch on CATV(switch off terrestrial TV)

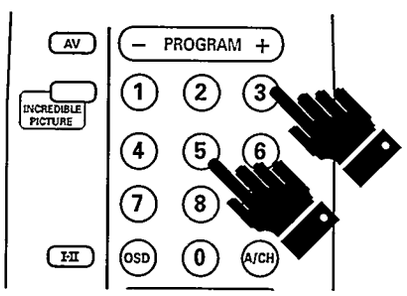
a) Select 'ON'

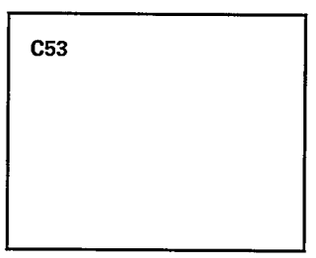




b) Select the cable channel that you want by direct keying

E.g. channel 53, key in 5 first, then follow by 3. The channel number will appear with a prefix 'C' i.e. C53 on the screen. (Note: The channels available for cable TV are from 1 to 125 except channels 95,96, 97 which are not selectable.

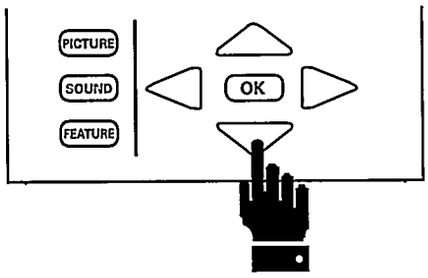


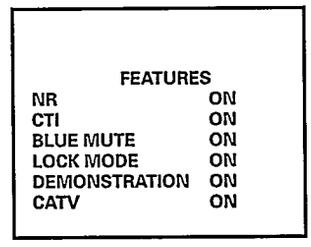


3. Proceed to step 5 to exit from Feature menu if you wish to continue watching cable TV. If you wish to switch back to terrestrial TV, follow step 4.

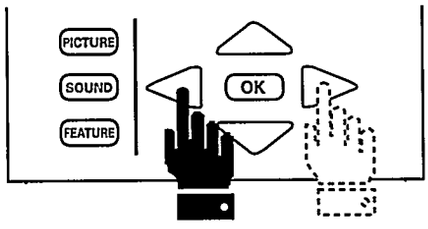
4. Switch off cable TV(switch on terrestrial TV)

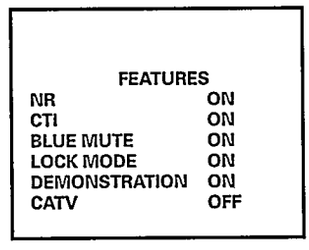
a) Select CATV option





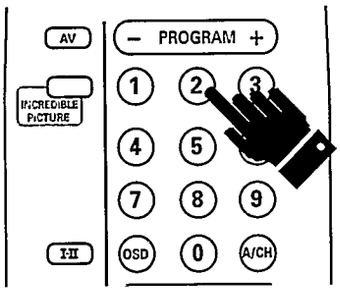
b) Select 'OFF'

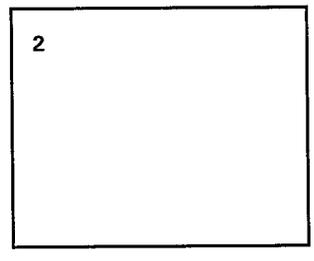




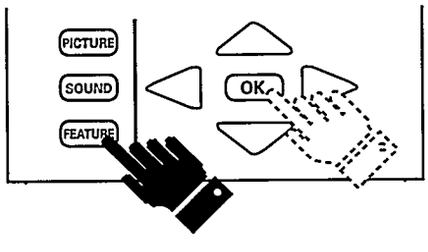
c) Select the terrestrial channel that you want by direct keying

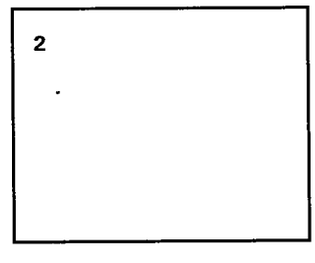
E.g. channel 2, key in 2. The channel number will appear as 2 on the screen. (Note: The channels available for terrestrial TV are from 2 to 69).





5. To exit from the FEATURE menu





SMART Controls

Picture selection

There are 4 picture settings to choose from :

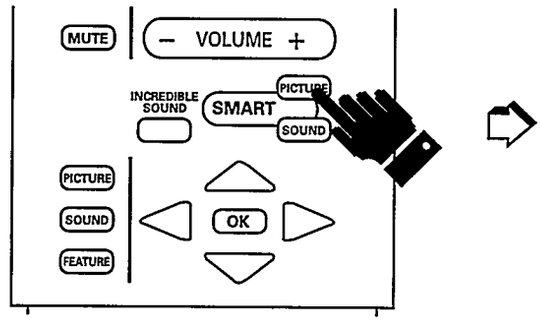
RICH : Emphasizes very vibrant colours (suitable for AV mode in brightly lit room conditions).

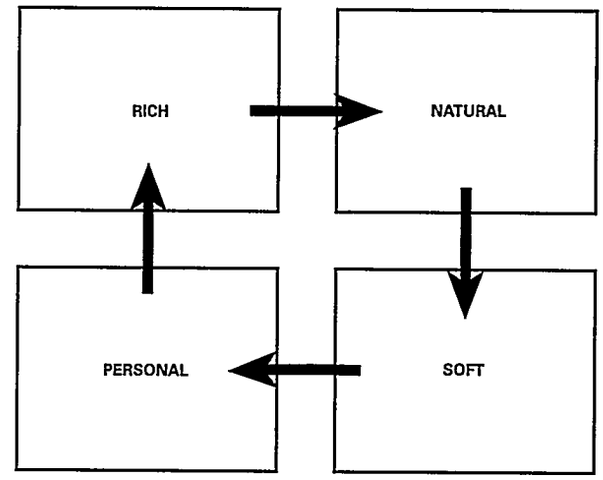
NATURAL : Emphasizes original colours.

SOFT : Emphasizes warm colours (white tones are reddish). Gives a cinema like effect when light is switched off.

PERSONAL : The last picture settings that you have adjusted on the channel will automatically be memorised with this mode.

- Press **SMART PICTURE** button to cycle through the 4 settings and select the one that you prefer.





Sound selection

The SMART sound control pre-programmes the frequency response to accomodate all types of programmes.

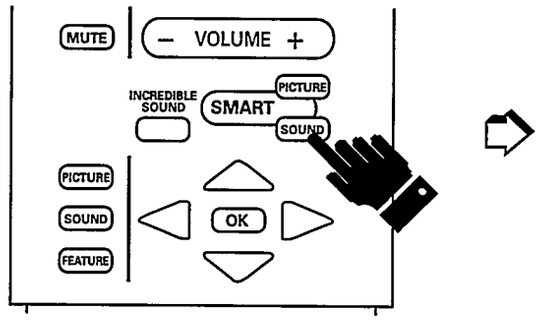
VOICE : Emphasizes speech frequency so that voice is clearer.

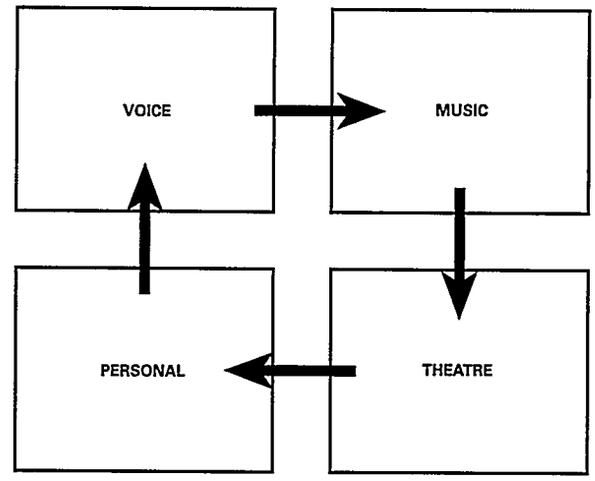
MUSIC : Emphasizes bass frequency so that music is more dynamic.

THEATRE : Emphasizes low and high frequencies to give more sensation to the actions.

PERSONAL : The last sound settings that you have adjusted will automatically be memorised with this mode.

- Press **SMART SOUND** button to cycle through the 4 settings and select the one that you prefer.

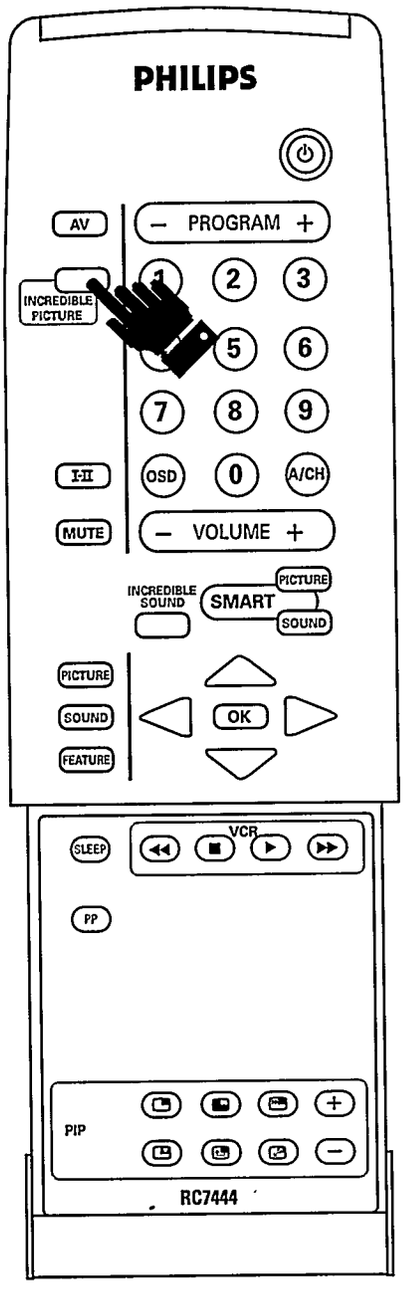


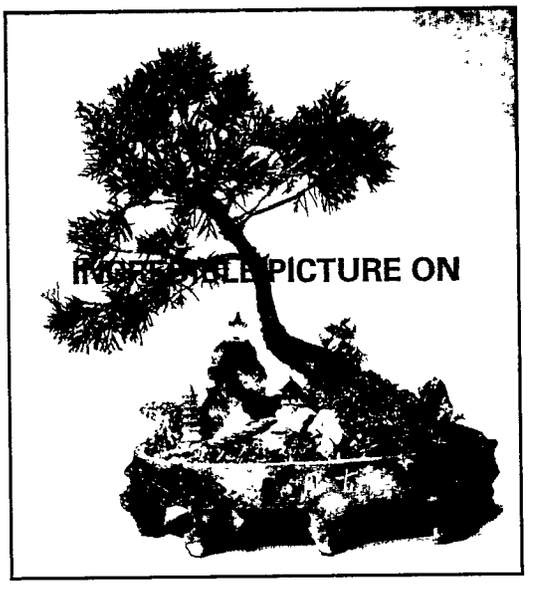


Incredible Picture

Use this feature if you wish to view a realistic picture with plenty of depth. When this feature is switched 'ON', the picture will appear with better gradation and contrast.

- Press **INCREDIBLE PICTURE** button to switch on or off the feature.



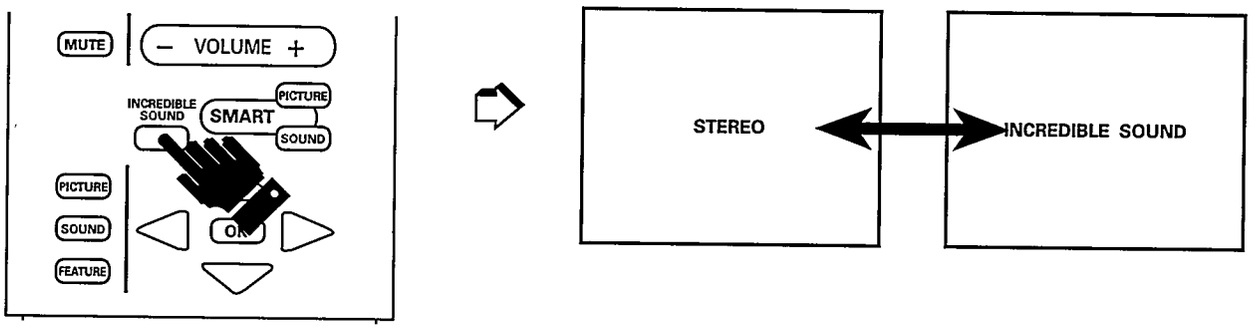


Incredible Sound/Spatial Sound

This feature is specially built into your television to enhance the stereo effect when you are watching **stereo broadcasted programmes** or **playing back stereo programmes.** For mono programmes, you will hear a 'Spatial' effect. Therefore when switching from stereo to mono programmes, you may experience a small decrease in volume.

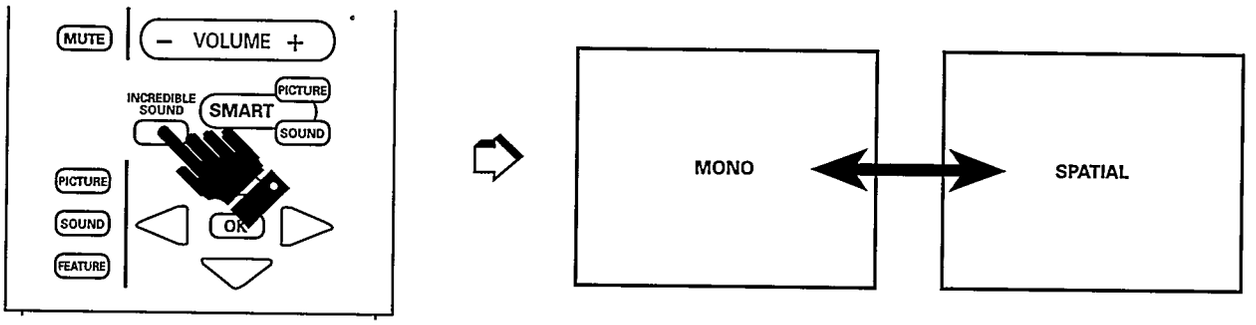
Select incredible sound

- Press **INCREDIBLE SOUND** button to switch on or off this effect.



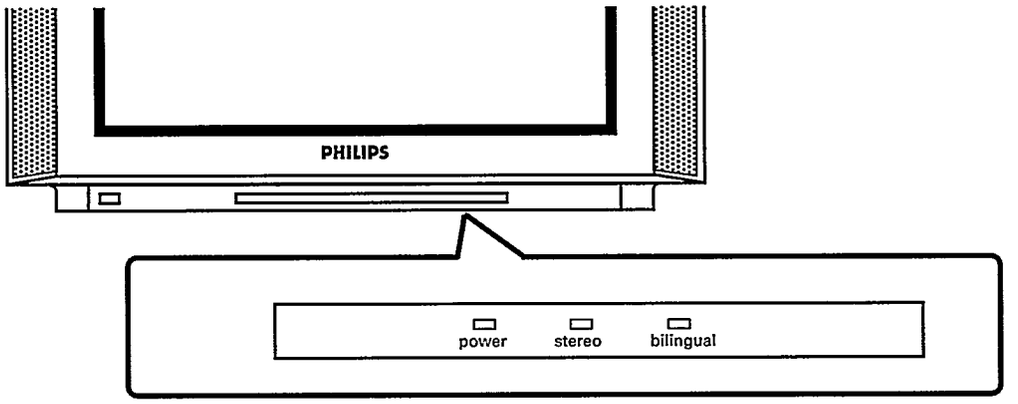
When the programme you are watching is in mono mode, you will experience 'Spatial' sound.

- Press **INCREDIBLE SOUND** button to switch on or off this effect.



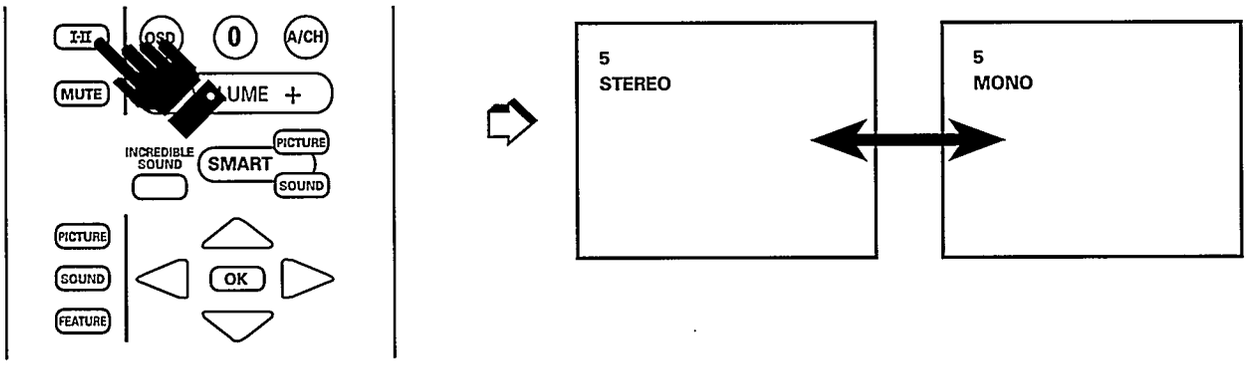
2CS Stereo

When 2CS (2 Carrier System) Stereo is available, a green indicator light will appear above the word 'stereo'. Some programmes may be transmitted in two languages. When this happens, a green indicator light will appear above the word 'bilingual'.



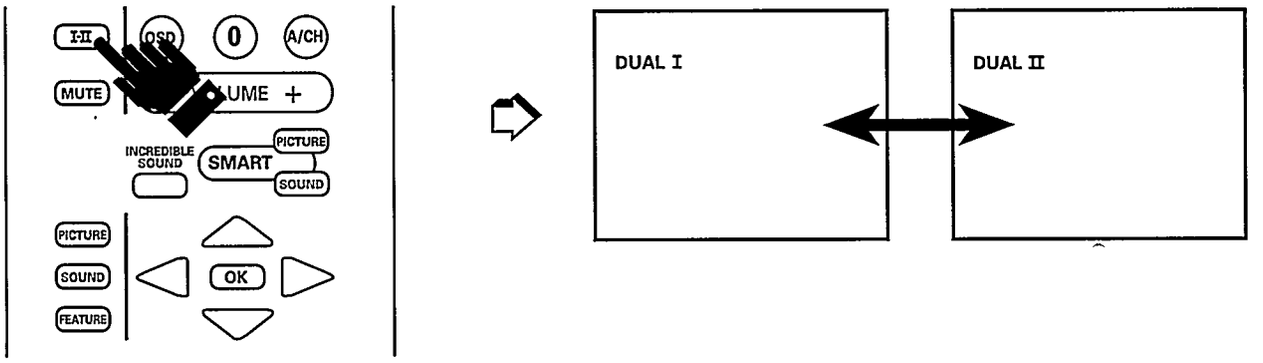
For 2CS Stereo

- Press **I-II** button to switch to **MONO** and back again when you are in this mode.

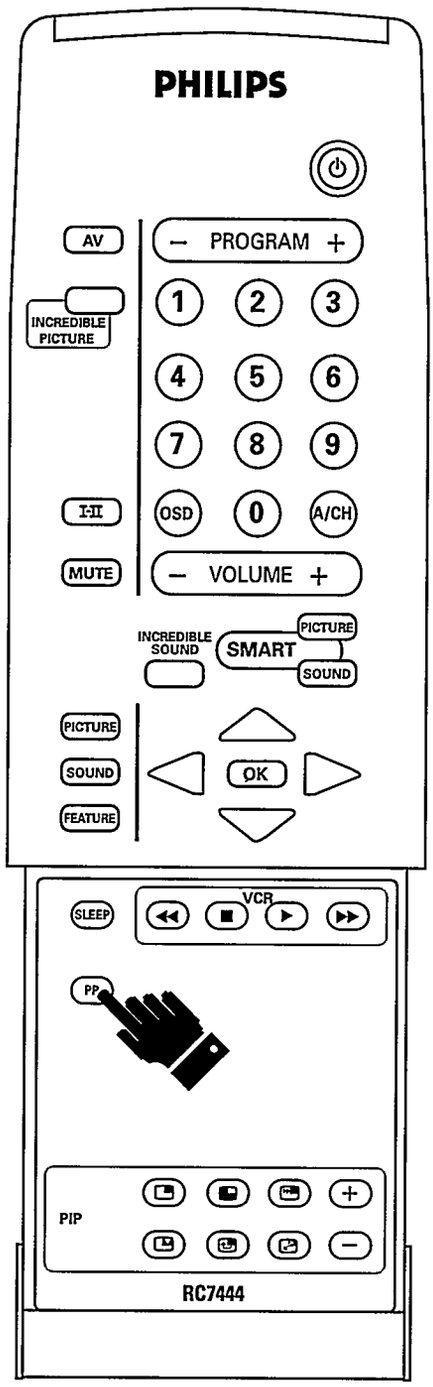


When there are two languages in transmission, you are able to switch and select **DUAL 1** (first language) or **DUAL 2** (second language).

- Press **I-II** button to toggle and make your selection.



Personal Preference



Personal Preference is specially designed for your viewing pleasure. With this feature, you are able to store individual picture setting of brightness, colour and contrast for all channels and the external connections' channels : VIDEO 1, VIDEO 2 and CAMCORDER. For sound settings, the last adjustment that you do for any channel will be memorised as the 'personal preference' for all channels.

To store settings for 'Personal Preference' in a channel

- Select a channel.
- Adjust your settings.
  Your television will store them automatically as your 'Personal Preference'.

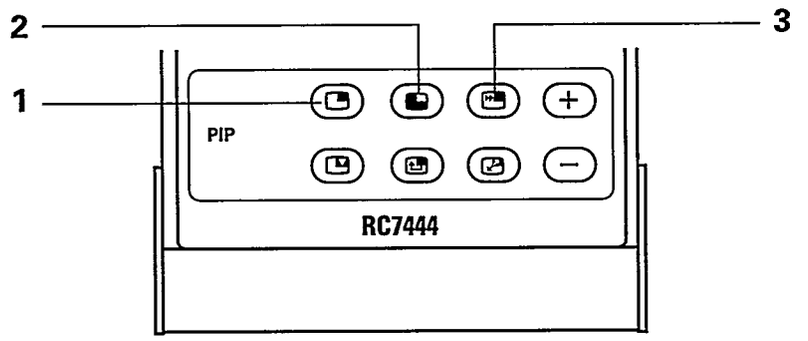
To call up 'Personal Preference' in a channel

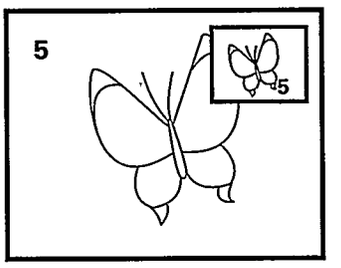
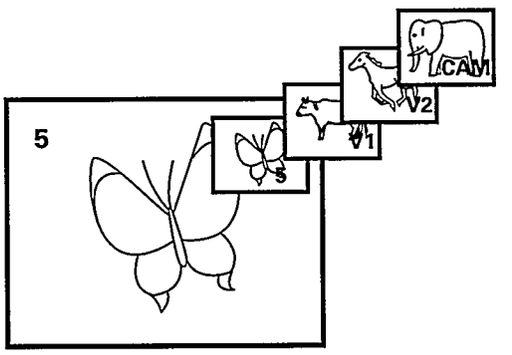
- Select a channel.
- Press **PP** button on your remote control.
  The television will recall the last settings of this channel. This function is equivalent to selecting the PERSONAL mode of Smart Picture and Sound.

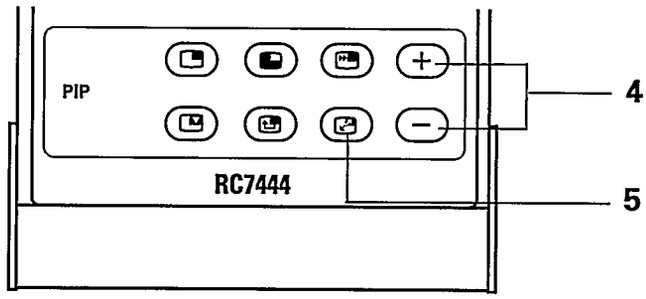
Picture In Picture (PIP)

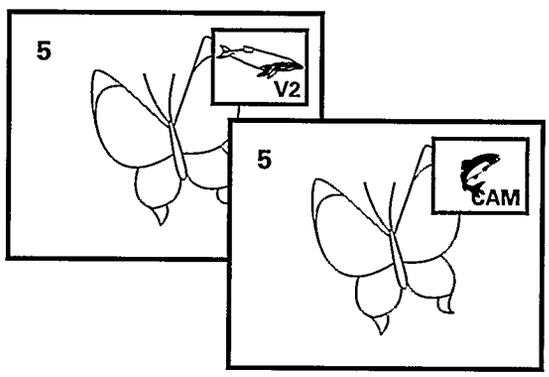
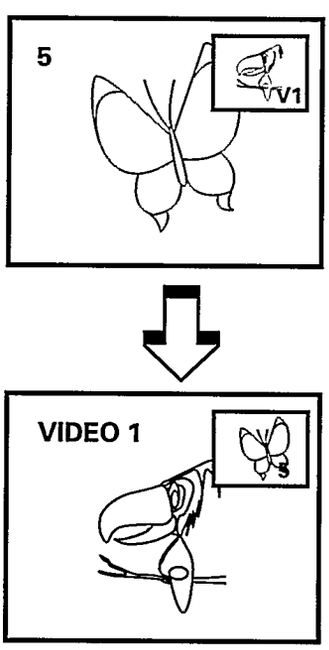
Open the lower half of your remote control to access to your PIP buttons.

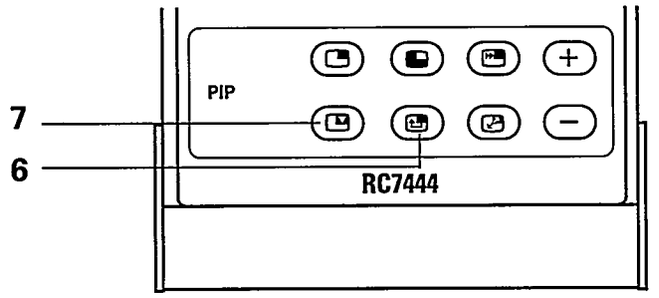
With Picture In Picture (PIP), you can call up a subscreen within your main screen. Therefore, you can watch two channels at the same time.

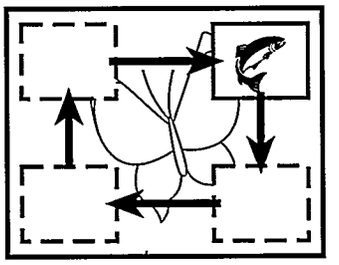
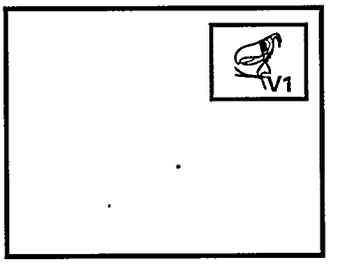
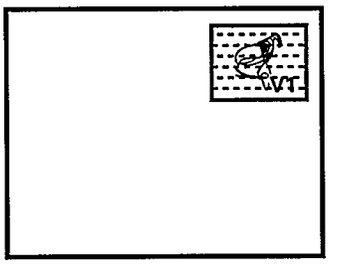


Button no.	Function	Screen Display
1	Switch on or off PIP.	
2	Select PIP source. If no connection has been made, there will be no picture on screen.	
3	Scans through all the channels in a loop in this sequence : all the off-air channels in the 'Favourite Channel' list in ascending order, VIDEO 1, VIDEO 2, CAMCORDER. To stop scanning, press any PIP button.	



Button no.	Function	Screen Display
4	Select channel of PIP screen.	
5	Interchange channel on main screen and subscreen.	

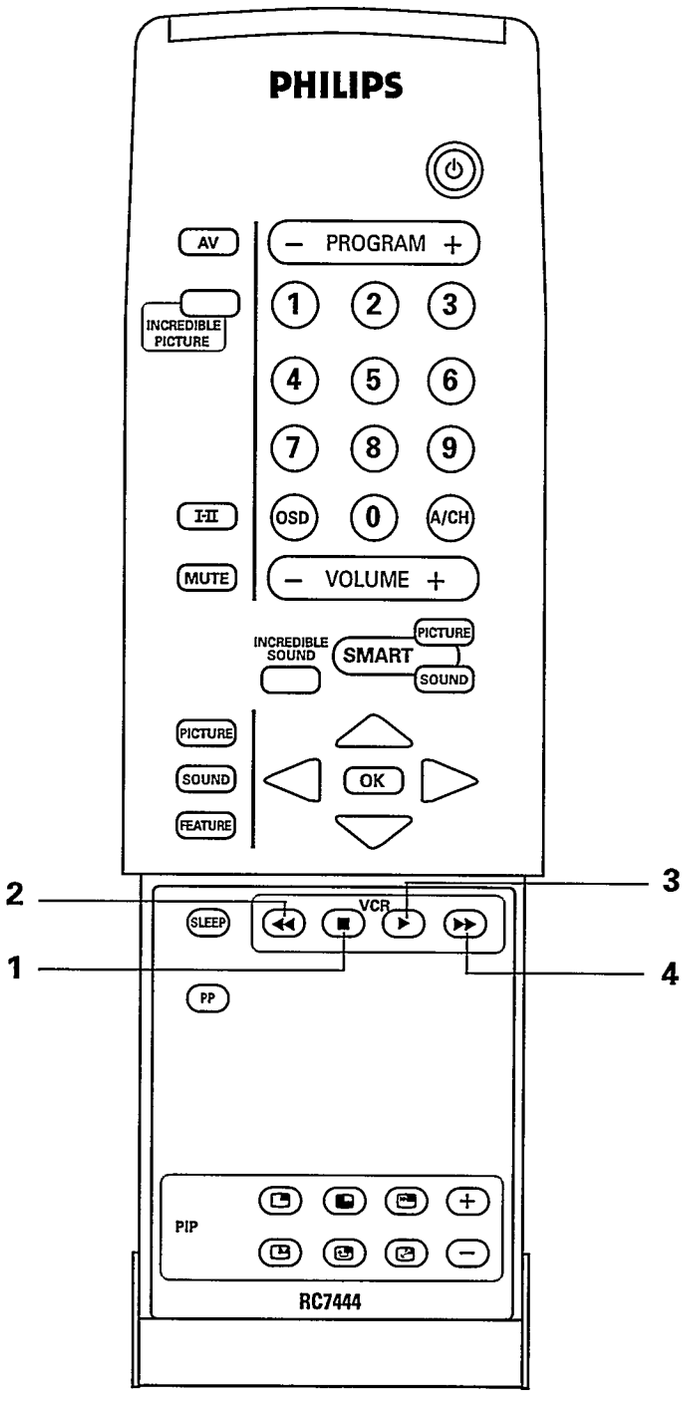


Button no.	Function	Screen Display
6	Position PIP screen at any 4 different corners of the main screen.	
7	Freeze PIP screen. Press button again to unfreeze.	 *Freeze PIP*  *Unfreeze PIP*

Video Cassette Recorder Functions

Your remote control has been designed specially to be used with selected PHILIPS brand video cassette recorders. Please refer to the individual equipment's instruction manual when using this remote control to ensure compatibility.

Open the lower half of your remote control to access to your video cassette recorder functions buttons



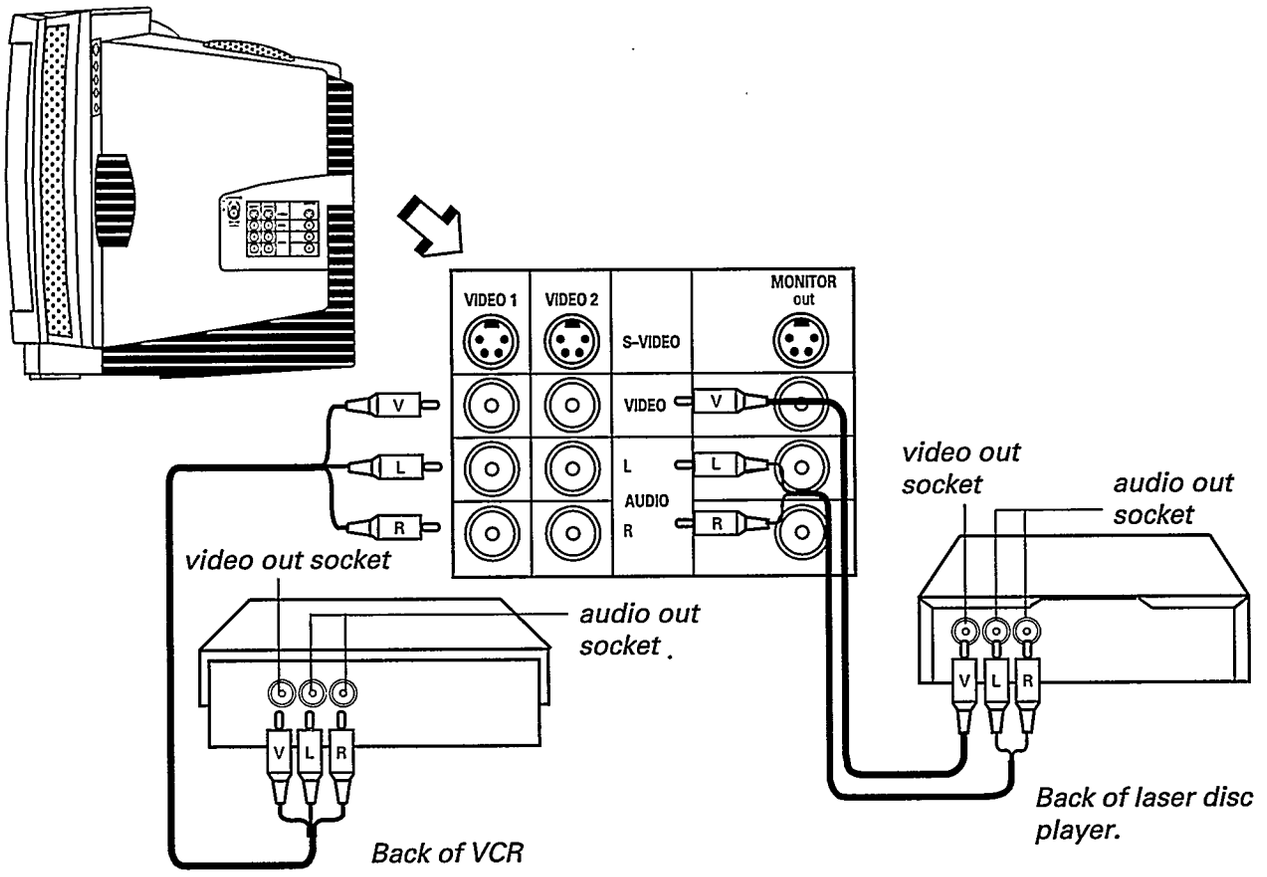
No	Function
1	To stop movement of video tape.
2	To rewind, or playback video tape in reverse at fast speed.
3	To playback video tape.
4	To advance, or playback video tape at fast speed.

External connections

Playing back programmes

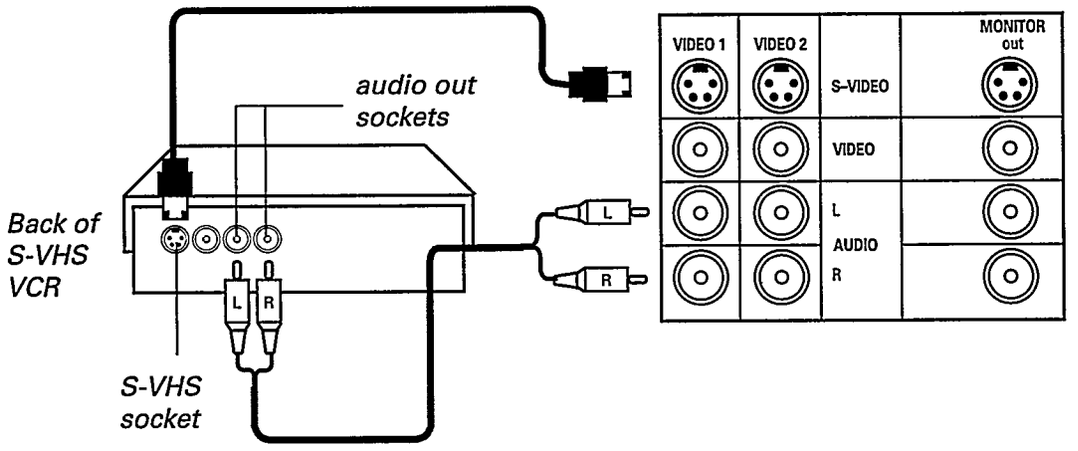
Connect your peripheral equipment e.g video cassette recorder (VCR), laser disc player etc. to the sockets at **VIDEO 1** or/and **VIDEO 2**. For mono equipment, connect only the **AUDIO L** (left) socket.

Play back from VCR or Laser disc player on television

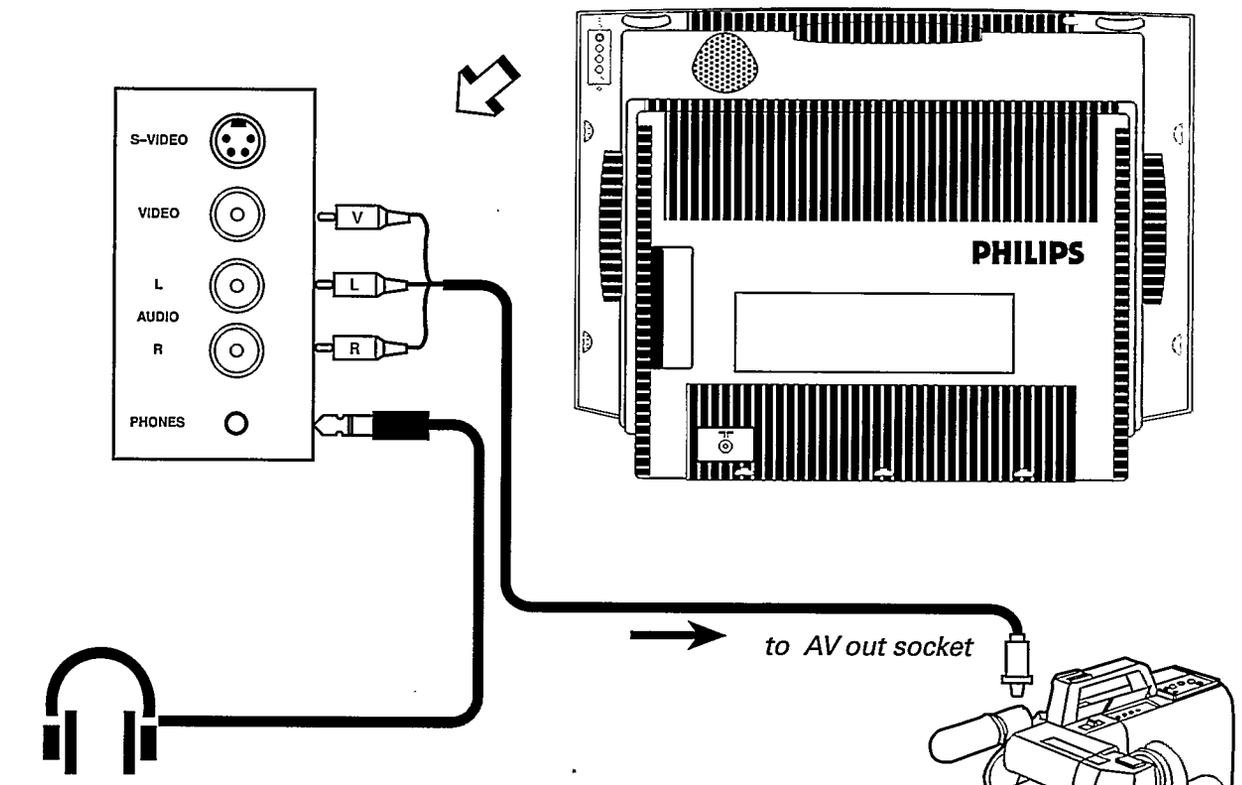


Play back from S-VHS VCR on television

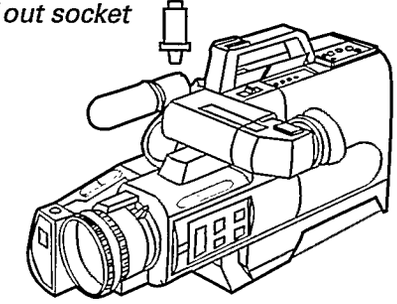
If you have a S-VHS VCR, connect up the **S-VIDEO** socket from the television to the S-VHS socket of the VCR to enhance th epicture quality.
Note : You need not connect the **VIDEO** socket from the television.



For camcorder or computer game connect the equipment to the sockets shown below.
For mono equipment, connect only the **AUDIO L** (left) socket.

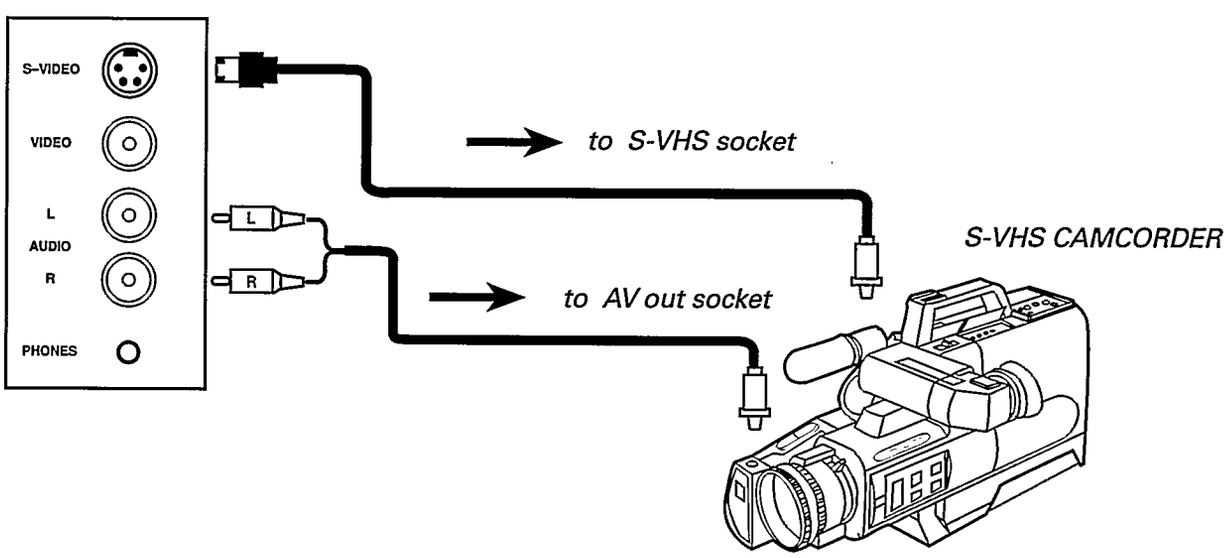


Headphone
(between 8 and 4000 ohms)



CAMCORDER

If you have a S-VHS Camcorder, connect up the **S-VIDEO** socket from the television when you are using a S-VHS equipment to enhance the picture quality.
Note : You need not connect the **VIDEO** socket from the television.

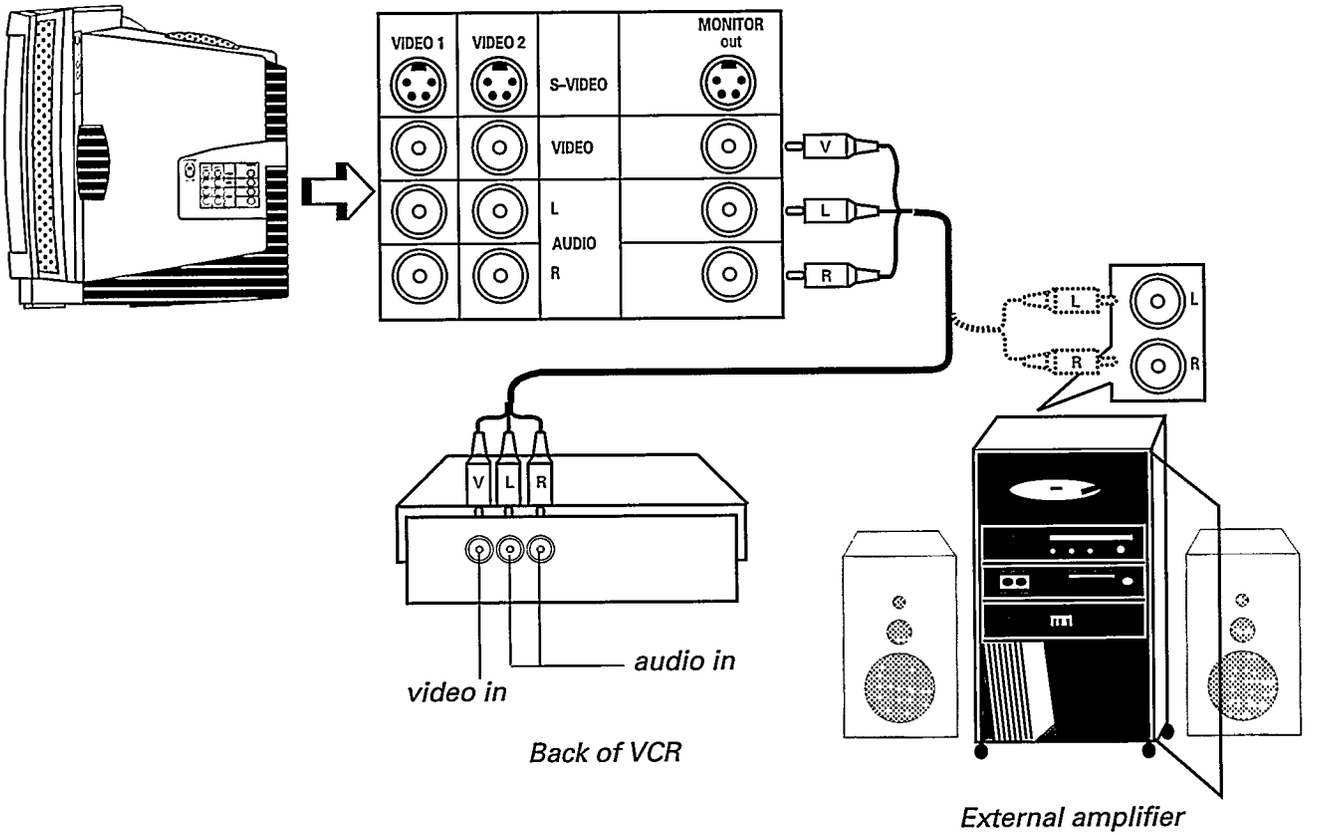


S-VHS CAMCORDER

Record programmes onto a video cassette recorder (VCR)

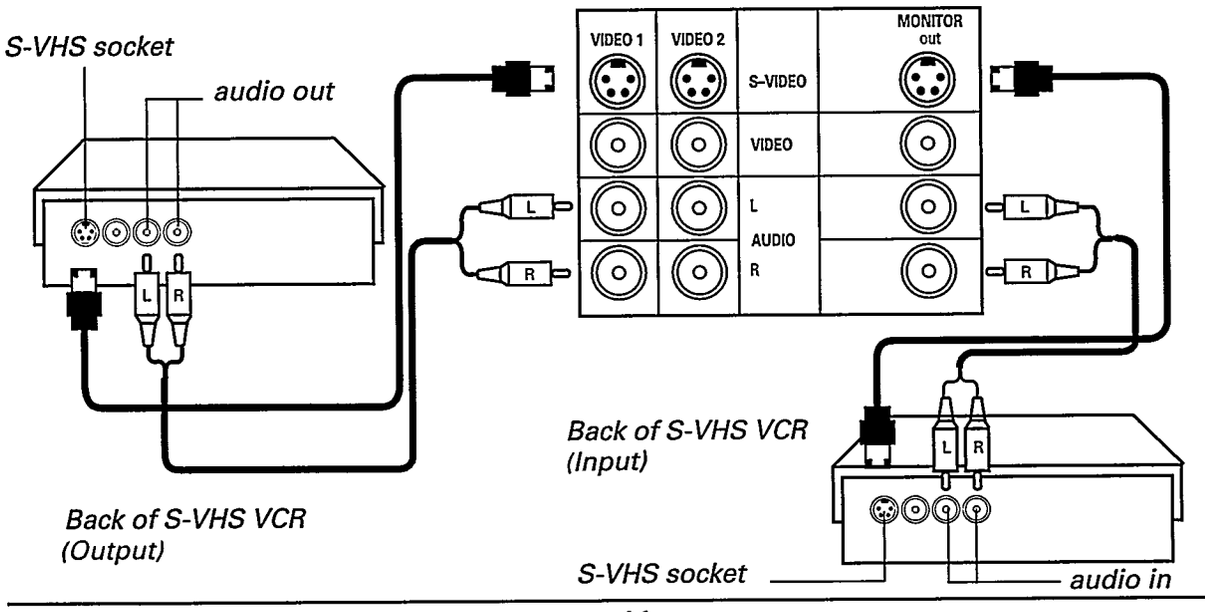
Connect your equipment to the sockets at **MONITOR out.** To enhance the sound of your television, connect the **AUDIO L** and **R** sockets to an external amplifier instead of to the video cassette recorder. For mono equipment, connect only the **AUDIO L** (left) socket.

Record from television to a video cassette recorder

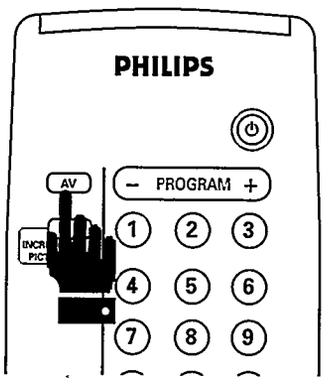


Record from a S-VHS VCR to another S-VHS VCR

Connect up the **S-VIDEO** sockets from the television to both the Input and Output in order to enhance the picture quality.
Note : You need not connect the VIDEO socket from the television.

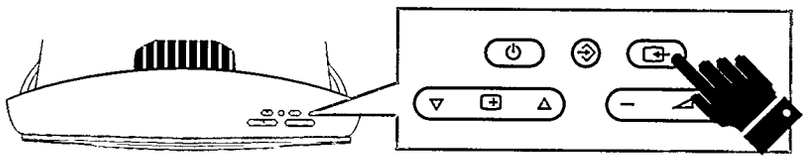


View the external connections on screen



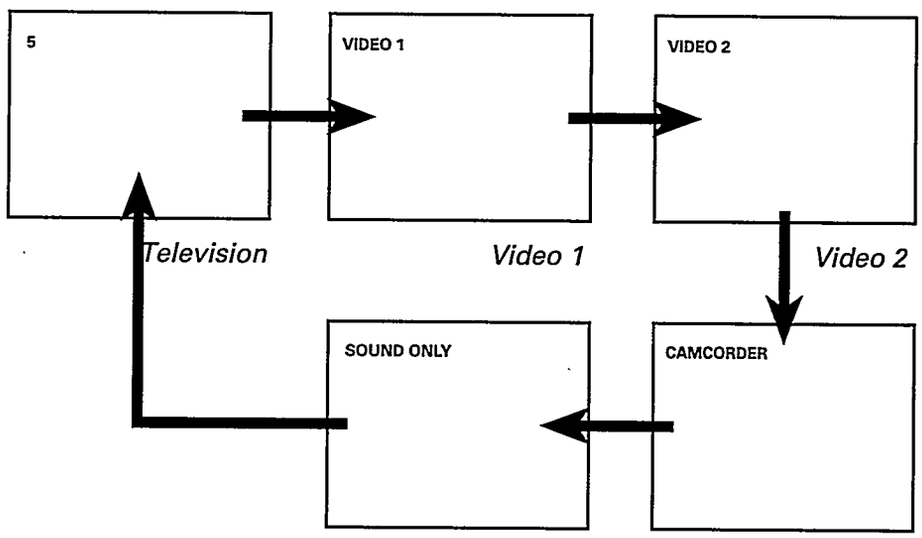
Remote Control

OR



Television top controls

Press either **AV** button on the remote control or ⊡+ button on the television top controls repeatedly and select the screen you want.



Television	:	Off air television programme.
Video 1	:	Playback programmes from the equipment you have connected to the sockets at VIDEO 1.
Video 2	:	Playback programmes from the equipment you have connected to the sockets at VIDEO 2.
Camcorder	:	Playback from the camcorder or computer game equipment you have connected to the sockets at back of your television.
Sound only	:	No picture. Only sound from your VIDEO 2 audio connections

Replacement for page 43

Frequency Tables

Table 1 – NTSC (Cable Transmission)

Channel No.	Picture Freq. (MHz)	Channel No.	Picture Freq. (MHz)	Channel No.	Picture Freq. (MHz)	Channel No.	Picture Freq. (MHz)
C1	73.25	C33	277.25	C65	469.25	*C97	Not Used
C2	55.25	C34	283.25	C66	475.25	C98	109.25
C3	61.25	C35	289.25	C67	481.25	C99	115.25
C4	67.25	C36	295.25	C68	487.25	C100	649.25
C5	77.25	C37	301.25	C69	493.25	C101	655.25
C6	83.25	C38	307.25	C70	499.25	C102	661.25
C7	175.25	C39	313.25	C71	505.25	C103	667.25
C8	181.25	C40	319.25	C72	511.25	C104	673.25
C9	187.25	C41	325.25	C73	517.25	C105	679.25
C10	193.25	C42	331.25	C74	523.25	C106	685.25
C11	199.25	C43	337.25	C75	529.25	C107	691.25
C12	205.25	C44	343.25	C76	535.25	C108	697.25
C13	211.25	C45	349.25	C77	541.25	C109	703.25
C14	121.25	C46	355.25	C78	547.25	C110	709.25
C15	127.25	C47	361.25	C79	553.25	C111	715.25
C16	133.25	C48	367.25	C80	559.25	C112	721.25
C17	139.25	C49	373.25	C81	565.25	C113	727.25
C18	145.25	C50	379.25	C82	571.25	C114	733.25
C19	151.25	C51	385.25	C83	577.25	C115	739.25
C20	157.25	C52	391.25	C84	583.25	C116	745.25
C21	163.25	C53	397.25	C85	589.25	C117	751.25
C22	169.25	C54	403.25	C86	595.25	C118	757.25
C23	217.25	C55	409.25	C87	601.25	C119	763.25
C24	223.25	C56	415.25	C88	607.25	C120	769.25
C25	229.25	C57	421.25	C89	613.25	C121	775.25
C26	235.25	C58	427.25	C90	619.25	C122	781.25
C27	241.25	C59	433.25	C91	625.25	C123	787.25
C28	247.25	C60	439.25	C92	631.25	C124	793.25
C29	253.25	C61	445.25	C93	637.25	C125	799.25
C30	259.25	C62	451.25	C94	643.25		
C31	265.25	C63	457.25	*C95	Not Used		
C32	271.25	C64	463.25	*C96	Not Used		

Table 2 – NTSC (Broadcast Channels)

Channel No.	Picture Freq. (MHz)	Channel No.	Picture Freq. (MHz)	Channel No.	Picture Freq. (MHz)	Channel No.	Picture Freq. (MHz)
2	55.25	19	501.25	36	603.25	53	705.25
3	61.25	20	507.25	37	609.25	54	711.25
4	67.25	21	513.25	38	615.25	55	717.25
5	77.25	22	519.25	39	621.25	56	723.25
6	83.25	23	525.25	40	627.25	57	729.25
7	175.25	24	531.25	41	633.25	58	735.25
8	181.25	25	537.25	42	639.25	59	741.25
9	187.25	26	543.25	43	645.25	60	747.25
10	193.25	27	549.25	44	651.25	61	753.25
11	199.25	28	555.25	45	657.25	62	759.25
12	205.25	29	561.25	46	663.25	63	765.25
13	211.25	30	567.25	47	669.25	64	771.25
14	471.25	31	573.25	48	675.25	65	777.25
15	477.25	32	579.25	49	681.25	66	783.25
16	483.25	33	585.25	50	687.25	67	789.25
17	489.25	34	591.25	51	693.25	68	795.25
18	495.25	35	597.25	52	699.25	69	801.25

Frequency Tables

Table 1 – NTSC (Terrestrial Transmission)

Channel No.	Picture Freq. (MHz)	Channel No.	Picture Freq. (MHz)	Channel No.	Picture Freq. (MHz)
2	55.25	30	567.25	58	735.25
3	61.25	31	573.25	59	741.25
4	67.25	32	579.25	60	747.25
5	77.25	33	585.25	61	753.25
6	83.25	34	591.25	62	759.25
7	175.25	35	597.25	63	765.25
8	181.25	36	603.25	64	771.25
9	187.25	37	609.25	65	777.25
10	193.25	38	615.25	66	783.25
11	199.25	39	621.25	67	789.25
12	205.25	40	627.25	68	795.25
13	211.25	41	633.25	69	801.25
14	471.25	42	639.25	70	807.25
15	477.25	43	645.25	71	813.25
16	483.25	44	651.25	72	819.25
17	489.25	45	657.25	73	825.25
18	495.25	46	663.25	74	831.25
19	501.25	47	669.25	75	837.25
20	507.25	48	675.25	76	843.25
21	513.25	49	681.25	77	849.25
22	519.25	50	687.25	78	855.25
23	525.25	51	693.25	79	861.25
24	531.25	52	699.25	80	867.25
25	537.25	53	705.25	81	873.25
26	543.25	54	711.25	82	879.25
27	549.25	55	717.25	83	885.25
28	555.25	56	723.25		
29	561.25	57	729.25		

Table 2 – NTSC (Cable Transmission)

Channel No.	Picture Freq. (MHz)	Channel No.	Picture Freq.(MHz)	Channel No.	Picture Freq. (MHz)
2 23	55.25	K	223.25	PP 52	391.25
3 24	61.25	L	229.25	QQ 53	397.25
4 25	67.25	M	235.25	RR 54	403.25
5A 26	73.25	N	241.25	SS 55	409.25
5 27	77.25	C	247.25	TT 56	415.25
6 28	83.25	P	253.25	UU 57	421.25
A-5 29	91.25	C	259.25	VV 58	427.25
A-4 30	97.25	R	265.25	WW 59	433.25
A-3 31	103.25	S	271.25	AAA 60	439.25
A-2 32	109.25	T	277.25	BBB 61	445.25
A-1 33	115.25	U	283.25	CCC 62	451.25
A 34	121.25	V	289.25	DDD 63	457.25
B 35	127.25	W	295.25	EEE 64	463.25
C 36	133.25	AA	301.25	65	469.25
D 37	139.25	BB 38	307.25	66	475.25
E 38	145.25	CC 39	313.25	67	481.25
F 39	151.25	DD 40	319.25	68	487.25
G 40	157.25	EE 41	325.25	69	493.25
H 41	163.25	FF 42	331.25	70	499.25
I 42	169.25	GG 43	337.25	71	505.25
7 43	175.25	HH 44	343.25	72	511.25
8	181.25	II 45	349.25	73	517.25
9	187.25	JJ 46	355.25	74	523.25
10	193.25	KK 47	361.25	75	529.25
11	199.25	LL 48	367.25	76	535.25
12	205.25	MM 49	373.25	77	541.25
13	211.25	NN 50	379.25		
J	217.25	OO 51	385.25		

Specifications

Model no.	29PT785A
Picture Tube size	29" (74 cm)
Television system	NTSC M
Playback	NTSC M
Stereo Sound Transmission	Korean 2CS
Channel	PLL
Antenna input	75 ohms co-axial
Side Connections Video 1 sockets Video 2 sockets Monitor Out sockets	 1 x S-Video, 1 x Video, 2 x Audio 1 x S-Video, 1 x Video, 2 x Audio 1 x S-Video, 1 x Video, 2 x Audio
Back Connections Camcorder sockets Headphone socket	 1 x S-Video, 1 x Video, 2 x Audio Ø 3.5 mm
Audio Output	3 x 8 W
Mains Voltage, frequency	110/220 V~, 60 Hz
Nominal power consumption	160 W
Maximum power consumption	180 W
Standby power	24 W
Dimensions Width Height Depth	 748 mm 565 mm 493 mm
Weight (Approx. only) (excluding packaging)	44 kg